

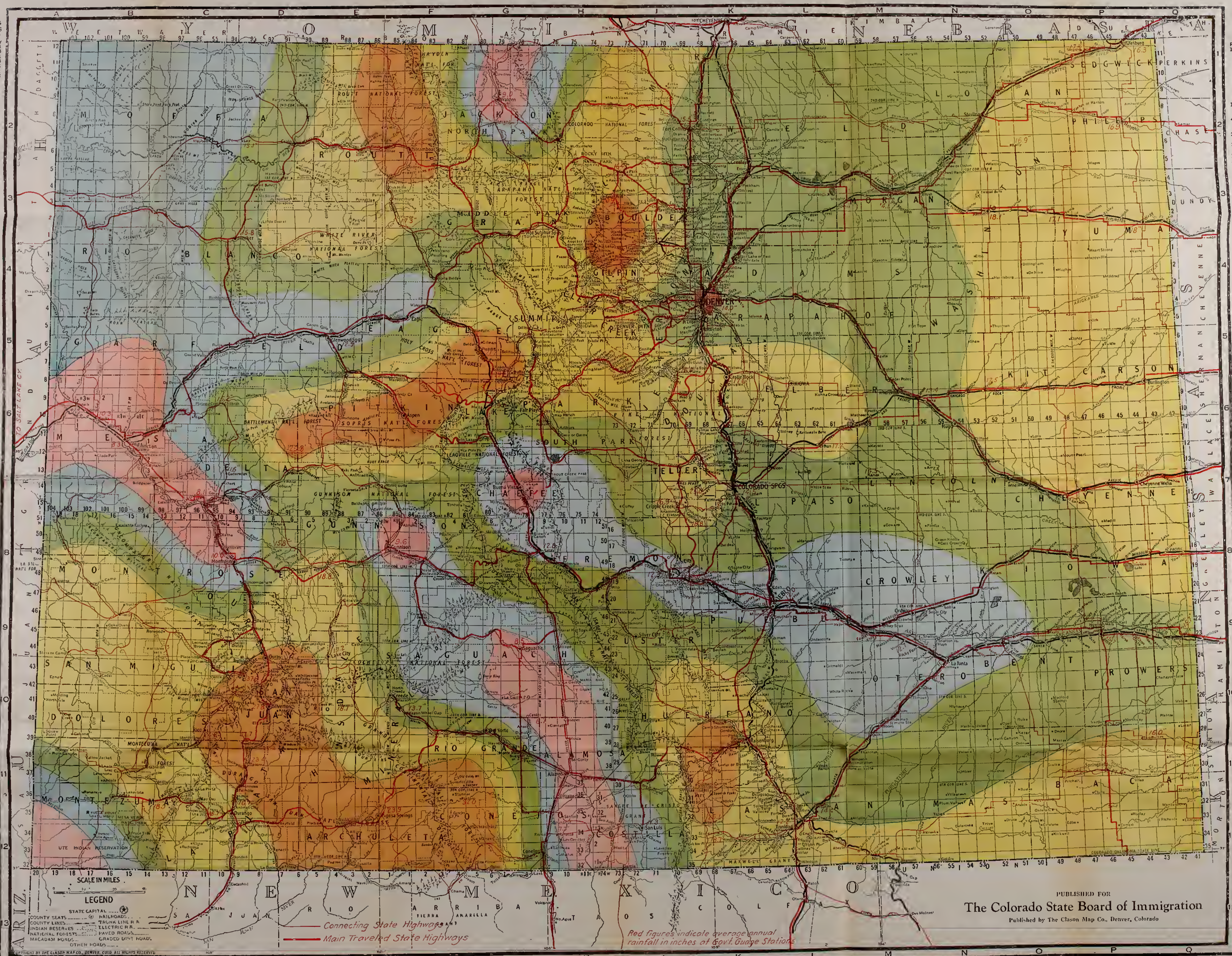
EX 2.11/K31
C.2

COLORADO STATE PUBLICATIONS LIBRARY



3 1799 00108 9358

MAP SHOWING RAINFALL AREAS OF COLORADO

[illegible][illegible]

The Colorado State Board of Immigration
Published by The Clason Map Co., Denver, Colorado

Published by The Clason Map Co., Denver, Colorado

2-COLORADO . . .

10

2

10

1



YEAR BOOK

of the

STATE OF COLORADO

1931

Detailed information regarding the State, its resources, opportunities and attractions, compiled from official and semi-official sources and published under the authority vested by the State Legislature in the State Board of Immigration.

Compiled and Edited by Tolbert R. Ingram.



STATE BOARD OF IMMIGRATION

HON. WILLIAM H. ADAMS, Governor, President
THOMAS LYTTLE, Montrose NEIL W. KIMBALL, Golden
FRED M. BETZ, Lamar

EDWARD D. FOSTER, Commissioner of Immigration
TOLBERT R. INGRAM, Deputy and Statistician
HELEN M. SAXTON AGNES F. BARKLEY
FRANKA B. MERZ



Digitized by the Internet Archive
in 2013

Foreword

THIS edition marks the thirteenth year in which the State Board of Immigration has published the Colorado Year Book, a work which constitutes the year-to-year record of the development of the state and its varied industries. The first number was published in 1918, and since that time publication has been continued without interruption except that the data for 1928 and 1929 were combined in a single volume because of a lack of finances.

For the convenience of those using the book regularly, the material is arranged as nearly as possible in uniform sequence from year to year, and wherever possible changes of figures in text material are made without altering the text, so that readers accustomed to one year's volume may find comparable data for succeeding years in approximately the same location in subsequent issues.

In most instances the information is obtained from official sources, including county and state officials and bureaus of the federal government. Crop and livestock statistics are based largely upon the reports of the county assessors, for whose consistent and encouraging co-operation the department expresses its appreciation, and most of the other data are gathered from municipal, county, state and federal officials. Where official figures cannot be secured, the best semi-official and private sources are resorted to, the effort always being to adhere to the conservative. In no event are local pride and optimism permitted to color the data concerning a community or an industry.

For those who desire a discussion of the individual counties in text form, the department publishes large editions of district booklets, seven in number, in which counties are grouped with a view to similarity of geography and conditions, and are discussed separately. These booklets may be secured on request. The department also publishes a detailed discussion of the mineral development and possibilities of the state, including both metals and non-metals, and a complete record of oil and gas development.

The Immigration department acknowledges with thanks the continued co-operation of public officials and commercial club executives, whose willingness to aid has made possible the continued improvement of this undertaking.

THE COLORADO STATE BOARD OF IMMIGRATION
State Office Building, Denver, Colorado

Colorado—General Description

COLORADO lies almost in the center of that part of the United States west of the Mississippi River basin and in the east-central part of the Rocky Mountain region. The center of the state is approximately 1,500 miles west of the Atlantic seaboard, 800 miles east of the Pacific, 650 miles south of the Canadian border and 475 miles north of the Mexican border, measured by air lines due east and west and north and south. The state is bounded on the west by Utah, on the north by Wyoming and Nebraska, on the east by Kansas and Nebraska, and on the south by New Mexico and a small strip of the Oklahoma panhandle.

The state contains the most elevated portions of the Rocky mountains in the United States. Both the United States geological survey and the coast and geodetic survey assign to two peaks in Lake county the honor of being the highest points in the state. These are Mount Elbert and Mount Massive, each with an altitude of 14,402 feet. The highest point in the United States is Mount Whitney, California, 14,501 feet. Colorado has the highest mean altitude of any state, only about one-fourth of its area being below 5,000 feet, while approximately two-thirds of it ranges from 6,000 feet to 14,000 feet. The United States geological survey lists 43 peaks that tower more than 14,000 feet above sea level; three that are rated at 14,000 feet, and approximately 1,000 having altitudes of more than 10,000 feet. The eastern two-fifths of the state lies in the Great Plains, and is a level or broken prairie, crossed by the valleys of the Arkansas and South Platte rivers and their numerous tributaries, and rising gradually from the state line westward to the foothills of the Rockies. The main range of the Rocky mountains passes north and south through the central part of the state, with numerous secondary ranges and spurs running in all directions, giving Colorado the greatest extent and widest variety of mountain scenery found in any state. The western part lies in the Pacific watershed and contains the largest streams in the state. Its surface is much more broken than that of the eastern part, embracing numerous high mesas and fertile, narrow agricultural valleys, and rising to the rugged and wonderfully picturesque San Juan mountains

in the southwest. In outline the state is almost a perfect rectangle, having the most regular form of any state in the Union. It ranks seventh in size, with a land area of 66,341,120 acres or 103,658 square miles. Its water area is 290 square miles, making the total area 103,948 square miles. It is more than twelve times as large as the state of Massachusetts, nearly twice as large as Iowa, and about the same size as New York, Ohio, Connecticut and New Hampshire combined. Its extreme length east and west is about 387 miles, or 37 miles more than the distance from New York City to Portland, Maine, and its width approximately 276 miles, about the same as the distance from Chicago to St. Louis.

Natural Divisions—As a result of its large size and the extreme irregularity of its surface, the state is divided into a number of districts that show considerable variation in topography, soil, climatic conditions, industries and products. The most important of these are the following: The non-irrigated prairie section in the eastern part of the state, popularly referred to as Eastern Colorado; the South Platte valley, in the north and northeast; the Arkansas valley, extending through the southern part of the eastern half of the state; the San Luis valley, a vast basin, the bed of an ancient lake, lying in the south-central part of the state, almost wholly surrounded by mountain ranges; the San Juan basin in the southwest; the valleys of the Colorado river and numerous tributary streams in the central-western part; the rugged plateau districts drained by the White and Yampa (Bear) rivers, in the northwest; the mountainous, mineral-bearing districts, extending in a broad, irregular belt across the central part of the state from the Wyoming to the New Mexico line; and the mountain park districts, chief of which are North park, in Jackson county; Middle park, in Grand county; and South park, in Park county. These last are very similar to the San Luis valley, but all have higher average altitudes and consequently enjoy less intensive agricultural development. In topography and climatic conditions the South Platte and Arkansas valleys are very similar to the non-irrigated sections of eastern Colorado, but by reason of the fact that a large supply of

water is available in these valleys for irrigation, they enjoy the most extensive agricultural development found in the state and produce a wider range and greater yield of crops than the non-irrigated districts. The San Luis valley has very light rainfall, but an abundant water supply for irrigation is derived from the Rio Grande del Norte and its tributaries. The average altitude is more than 7,500 feet, which limits the range of crops grown; but the fertile soil, abundant water supply and good climate make this valley one of the finest general farming and stock-raising districts in the state. The San Juan basin is a region of from moderate to heavy rainfall, having a considerable area of irrigated land in the river valleys and much good non-irrigated agricultural land on the higher mesas. This is also an excellent stock-raising district. The valleys of the Colorado, Gunnison, Uncompahgre and other rivers and smaller streams of the Colorado river basin contain the principal fruit growing areas of the state, as well as a large amount of the fine general agricultural land. The rainfall in this area is generally inadequate for farming without irrigation, but the water supply is adequate for all land that can be irrigated, and recently farming without irrigation has been undertaken successfully on some of the higher mesa lands, where rainfall is somewhat heavier than in the valleys. The northwest part of the state is less developed than any other district, chiefly because of lack of transportation facilities, but it contains some of the best agricultural and grazing land in Colorado. The mineral area is very extensive, but the principal producing areas are somewhat restricted.

Early History—That part of Colorado lying east of the Rocky mountains was included in the territory acquired by purchase from France in 1803, usually referred to as the Louisiana Purchase. All the southeastern part of the state, lying south of the Arkansas river, and a narrow strip extending north through the mountain district into Wyoming, was claimed by the state of Texas and became a part of the United States when Texas was annexed in 1845. This included a considerable amount of the territory belonging to the Louisiana Purchase, but the controversy regarding the northern boundary of Texas was settled long before Colorado became a state. The western part of what is now Colorado and an additional strip

lying west and south of the Rio Grande del Norte was ceded to the United States by Mexico in 1848, following the war with Mexico. The actual settlement of Colorado began with the discovery of gold in the summer of 1858, at which time most of the eastern half of the state was included in Kansas territory under the name of Arapahoe county. The boundaries of this county were very imperfectly defined, and the settlers in the new gold camps, moreover, objected to being governed by a set of territorial officials 400 miles away. They appealed to the federal government for the organization of a new state or territorial government, and finally, in February, 1861, the territory of Colorado was organized, about a month after statehood had been conferred upon the territory of Kansas. The boundaries of the territory were substantially the same as are those of the state at present. In 1876 Colorado was admitted to the Union as the thirty-eighth state.

Population—The population of Colorado has increased steadily and rapidly since its actual settlement began, immediately following the discovery of gold in 1858. The first census of what is now the state was taken in 1860 and showed a population of 34,277. The census bureau gives the population as of April 1, 1930, at 1,035,791, or more than 30 times greater than it was 70 years ago. The state ranks thirty-third in population among the states of the Union.

The following table shows its growth from 1860 to the present time, compared with the growth for the entire country, all figures being taken from census reports:

Year	Population	Pct. of Increase Over Previous Census	Pct. of Increase for United States
1860.....	34,277	....	....
1870.....	39,864	16.3	22.6
1880.....	194,327	387.5	30.1
1890.....	413,249	112.7	25.5
1900.....	539,700	30.6	20.7
1910.....	799,024	48.0	21.0
1920.....	939,629	17.6	14.9
1930.....	1,035,791	10.2	16.1

More detailed figures on the population of the state and its subdivisions will be found elsewhere in this volume.

During the two decades following 1860 the population was confined largely to the mining districts and to the city of Denver. The cities of Pueblo, Colorado Springs and Trinidad did not make their appearance in the census population statistics until

1880, when the three had a combined population of less than 10,000. During the early 80's the period of agricultural development began, and the decade ending with 1890 was in many ways the most important in the history of the state. During that period 24 new counties were organized and scores of new towns were laid out in the agricultural districts. In 1910 the density of population for the state was 7.7 per square mile, as compared with 30.9 for the United States. Denver county ranked first in this respect, with 3,679, and Dolores and Jackson counties were tied for last place, with 0.6. The 1930 census showed the density of population for the state to be 10.0 per square mile. Denver still holds first place in this respect, with 4,963.2, and Hinsdale county ranks last with 0.5.

Of Colorado's total population of 1,035,791 on April 1, 1930, 519,882, including 1,789 persons living on farms within the limits of cities and villages of 2,500 or more, comprised the urban population, or persons residing in the cities and towns. The rural population amounted to 515,909, comprising 281,038 persons living on farms in rural territory and 234,871 persons not living on farms. The urban population formed 50.2 per cent of the total, as compared with 48.2 per cent in 1920 and 50.7 per cent in 1910. The census shows that there are but three cities of more than 25,000 population in the state, five with population of from 10,000 to 25,000, 10 from 5,000 to 10,000, nine from 2,500 to 5,000, 42 from 1,000 to 2,500, 47 from 500 to 1,000 and 124 towns of less than 500 population. In the last classification are 22 towns of less than 100 population each.

The foreign-born population of Colorado in 1930 amounted to 8.2 per cent of the total, compared with 12.4 per cent in 1920 and 15.9 per cent in 1910.

Land Classification—A table published elsewhere in this volume gives a classification of the 66,341,120 acres of land in the state as far as is practicable from available records. It is divided into 63 counties, of which Denver county is the smallest, with an area of 37,120 acres, and Las Animas county is the largest, with 3,077,760 acres.

In the land classification table published elsewhere in this volume, five counties—Conejos, Gilpin, Hinsdale, Lake and Mineral—show areas in the various classifications larger than the total areas of the respective counties.

The discrepancy probably is due to inaccuracies in government surveys and to the large areas of land which have never been surveyed.

The area of patented land in the state has been increasing steadily, due to the proving up of entries on government land and the issuance of patents on state land sold. The area of patented land returned for assessment in recent years was as follows:

Year	Acres
1920	29,462,459
1921	30,867,235
1922	32,105,994
1923	33,347,491
1924	34,122,665
1925	35,195,619
1926	35,807,193
1927	36,323,737
1928	36,583,930
1929	36,974,946
1930	37,163,043

Of the area in private ownership in 1930, the tax commission classifies 34,892,281 acres as agricultural land. This is equal to 52.6 per cent of the entire land area of the state. The area classified as agricultural land is divided as follows:

	Acres
Fruit land.....	20,214
Irrigated land.....	2,163,794
Natural hay land.....	355,192
Dry farming land.....	11,516,523
Grazing land.....	20,836,558
Total	34,892,281

These classifications contain some waste and desert areas of no real value for agricultural purposes. The term "dry farming" applies to tillable land that is non-irrigated. Some of the grazing land eventually will be placed under cultivation. The remaining privately owned area consists mostly of patented mineral land, railroad rights of way and town and city lots.

Drainage and Water Supply—Containing, as it does, the most elevated portions of the Rocky mountains, Colorado is quite naturally the source of many of the important streams in the West. The Continental Divide crosses the west-central part of the state, and the streams in the western part flow to the Pacific, while those in the east find their way to the Gulf of Mexico. The streams of the western slope are all tributaries of the Colorado river, from which this state derives its name. The Colorado (Grand) river, the largest stream in the state, has its source in Grand county. The Green river, which was regarded as one of the two streams forming the Colorado when the upper course of the Colorado was called the Grand river, flows through the north-

western corner of Moffat county. The northwestern corner of the state is drained by tributaries of the Green river, chief of which are the Yampa (Bear) and White rivers. The principal tributary of the Colorado river is the Gunnison, which has its source in Gunnison county and enters the Colorado at the city of Grand Junction. The southwestern corner of the state is drained by the San Juan and Dolores rivers, both tributaries of the Colorado. The south-central part of the state, including the San Luis valley, is drained by the Rio Grande del Norte. The southeastern part is drained by the Arkansas river and its tributaries, and the northeastern part by the South Platte river. The North Platte river has its headwaters in Jackson county and unites with the South Platte in Nebraska to form the Platte river. The Republican river, a tributary of the Kansas, drains a considerable area in the eastern part of the state. These streams have hundreds of small tributaries, most of which have their sources in the mountains where the snowfall is heavy. They furnish the principal water supply for irrigation and for the development of hydro-electric power. Water for domestic purposes is obtained principally from these streams, but in most agricultural sections wells are utilized as a secondary source of domestic water supply. Most of these wells are pumped, but there is a well defined artesian belt in the San Luis valley, and artesian water is found in numerous other places. There are more than 5,000 artesian wells in the state, fully two-thirds of which are in the San Luis valley.

National Forests—Fourteen national forests located wholly within the state and one lying partially within its boundaries comprise about 20 per cent of the state's area. These forests embrace 13,330,832 acres, mostly in Colorado, and are administered by the department of agriculture of the federal government. A detailed description of these forests and their operations is given elsewhere in this volume.

National Parks and Monuments—Two national parks and four national monuments are located within the boundaries of Colorado and one national monument on the boundary between Colorado and Utah. All of these parks and monuments are administered by the national park service of the department of the interior, with the exception of the Holy Cross and Wheeler national monuments, which

are under the jurisdiction of the department of agriculture. Their names, locations and areas are as follows:

Rocky Mountain national park, located in the north middle part of the state, in Larimer, Boulder and Grand counties, and embracing an area of 400.52 square miles, or 256,336 acres. Of the total, 8,000.87 acres is private or state-owned land.

Mesa Verde national park, located in southwestern Colorado in Montezuma county, and embracing about 80 square miles, or 51,273 acres.

Holy Cross national monument, located in Eagle county, and embracing 1,392 acres.

Colorado national monument, located in Mesa county near Grand Junction and embracing 13,749 acres.

Yucca House national monument, located in the southwestern part of the state in Montezuma county, and embracing 9.6 acres.

Wheeler national monument, located in Mineral county, and embracing 300 acres.

Hovenweep national monument, located on the Colorado-Utah boundary in Montezuma county, and embracing 285.8 acres.

Rocky Mountain national park was created by an act of congress approved January 26, 1915. It lies in the heart of the Rockies and includes some of the most picturesque portions of the range. Its highest point is Longs peak, rising 14,255 feet above sea level. There are within its boundaries 13 other peaks with an altitude of more than 13,000 feet. It is one of the most accessible of the national parks and one of the most popular. It contains remarkable records of the glacial period. On July 17, 1930, President Hoover, by proclamation, added 22.1 square miles to the area of the park, the Never Summer range district on the west side. Annual winter outings in the park are regular features, these usually taking place in February under the auspices of the Colorado Mountain club. Skijoring parties are features of these outings.

Total government appropriations made for the Rocky Mountain national park from 1917 to 1931 inclusive, aggregated \$985,911, of which \$868,789 had been expended up to June 30, 1930. In addition, small revenues are received by the service from various operations. The appropriations and expenditures by years are as follows:

	Appropriated	Expended
1917	\$10,000	\$ 9,964.24
1918	10,000	9,922.10
1919	10,000	9,993.94
1920	10,000	9,924.85
1921	40,000	39,945.40
1922	65,000	64,923.10
1923	73,900	73,153.99
1924	74,280	74,000.03
1924	*26,171	.....
1925	93,000	122,888.53
1925	*4,450	.....
1926	84,660	82,259.56
1927	87,000	86,100.00
1928	97,620	95,612.07
1929	97,880	95,230.00
1930	96,000	94,871.34
1931	105,950	.....

*Deficiency appropriation.

Visitors and automobiles entering Rocky Mountain national park during the travel season for the years named, as estimated by the park service, were as follows:

Year	Visitors	Autos
1915	31,000	(a)
1916	51,000	(a)
1917	117,186	(a)
1918	101,497	(a)
1919	169,942	(a)
1920	240,966	(a)
1921	273,737	57,438
1922	219,164	52,112
1923	218,000	51,800
1924	224,211	53,696
1925	233,912	58,057
1926	225,027	50,407
1927	229,862	54,109
1928	235,057	57,381
1929	274,408	67,682
1930	255,874	75,101

(a) No record.

Mesa Verde national park is especially noted for the ruins of homes and villages of the ancient Cliff Dwellers, supposed to have been the earliest inhabitants of this part of the country. It was established by an act of congress approved June 29, 1906. The ruins are found in canons which intersect a high plateau that once is supposed to have supported a population of at least 70,000 people. The numerous ruins are connected by excellent highways and trails, and the government furnishes guides for all visitors. Roads to the park have been greatly improved in recent years. The government maintains a camp for the accommodation of autoists. A museum in the park contains many interesting relics of the ancient people.

Research work conducted in the park in 1930 by Dr. A. E. Douglas, leader of the National Geographic tree-ring expeditions of the last decade, finally succeeded in erecting an unbroken tree-ring chronology extending from shortly before the year 700 A. D. to the present time by means of timbers found in the ruins.

Governmental appropriations for the maintenance and improvement of the park and for archaeological work aggregated \$608,595, of which \$494,421.06 had been expended up to June 30, 1930. Appropriations and expenditures by years are as follows:

	Appropriated	Expended
1917	\$10,000	\$ 9,999.00
1918	10,000	9,913.05
1919	18,000	17,022.44
1920	11,000	10,959.69
1921	14,000	13,929.71
1922	16,400	16,339.30
1923	43,000	42,812.62
1924	35,000	36,685.21
1924	*3,000	.....
1925	42,500	43,183.46
1925	*1,895	.....
1926	42,835	42,596.97
1927	72,300	70,591.36
1928	50,750	48,343.59
1929	83,000	78,134.00
1929	*1,115	.....
1930	57,000	53,910.66
1931	96,800	.....

*Deficiency appropriation.

Visitors and private automobiles entering the park during the travel season for the years named were as follows:

Year	Visitors	Autos
1921	3,003	651
1922	4,251	969
1923	5,236	1,255
1924	7,109	1,803
1925	9,043	2,197
1926	11,356	3,054
1927	11,915	3,315
1928	16,760	4,803
1929	*14,517	4,224
1930	16,656	5,023

*Decrease due to disastrous storms and washouts during July and August.

Holy Cross national monument was created by a proclamation issued by President Hoover on May 20, 1929. The monument received its name from Holy Cross mountain, a peak rising to an elevation of 13,978 feet above sea level, upon the side of which is a figure in the form of a Greek cross formed by snow-filled ravines, which is an object of much public interest.

Colorado national monument is in a picturesque canon which has long been a popular scenic feature of that part of Colorado. The formation is similar to that of the Garden of the Gods at Colorado Springs, but it is generally conceded to be much more picturesque.

Estimated number of visitors to the Colorado monument, by years, is as follows:

Year	Visitors
1925	9,000
1926	9,000
1927	9,500
1928	10,000
1929	12,000
1930	13,000

Wheeler national monument is especially noted for its weird and very picturesque rock formation, unlike anything found elsewhere in Colorado, due to eccentric erosion and volcanic action.

Yucca House monument is located on the eastern slope of Sleeping Ute mountain and contains ruins of great archaeological value and relics of prehistoric inhabitants.

The estimated number of visitors to Yucca House, by years, is as follows:

Year	Visitors
1925	100
1926	150
1927	196
1928	174
1929	250
1930	240

Hovenweep national monument contains four groups of prehistoric towers, pueblos and cliff dwellings.

The estimated number of visitors to the Hovenweep monument, by years, is as follows:

Year	Visitors
1925	250
1926	250
1927	263
1928	240
1929	450
1930	400

Industries—The principal industries of the state are agriculture, stock-raising in its various branches, dairying, bee-keeping, manufacturing, mining, quarrying, lumbering, oil and gas production and commerce. These are treated in detail elsewhere.

Climatological Data—As a result of its great size and the extreme irregularity of its surface, the climate of Colorado is wonderfully varied and cannot be described in detail here. Various tables contained in this publication show the most important climatic data for different sections of the state. The mean annual temperature for the entire state is 44.3 degrees, but it varies from about 31 degrees in some of the higher mountain districts to 54 degrees in parts of the Arkansas valley. The average annual precipitation for the state is 17.54 inches, but there is also a very wide range here in the different sections of the state. The lowest average precipitation is about 6.5 inches, in the San Luis valley, and the highest above 40 inches, in the San Juan mountains and a few other mountain districts of restricted areas. The delightful and wonderfully healthful qualities of Colorado's climate are well known throughout the country. More detailed data on this subject are

contained in the chapter on Climatological Data on page 50.

High and Low Points—The level of the sea is the basis upon which all geometrical altitudes are reckoned. The fifteenth step from the top leading to the main floor of the state capitol at Denver, at the west entrance, is exactly one mile, or 5,280 feet above sea level. Mount Elbert and Mount Massive, altitude 14,402 feet, or 2.72 miles above sea level, are the highest points in the state. The lowest point is the bed of the Arkansas river near the town of Holly, about three miles west of the Kansas line, in Prowers county, in the southeastern part of the state. Its altitude is 3,385 feet, or 0.64 of a mile above sea level.

The highest incorporated town is Kokomo, in Summit county, which has an altitude of 10,618 feet. The lowest incorporated town is Holly, in Prowers county, 3,387 feet above sea level.

Hazel lake, in La Plata county, in southwestern Colorado, has the highest elevation of the numerous lakes of the state, being 12,420 feet or almost 2½ miles above the level of the sea.

The deepest hole ever bored into the earth in Colorado, as far as records disclose, is a test well drilled for oil near Longmont, Boulder county, by the A. A. Rolleston company, which reached a depth of 7,300 feet before it was finally abandoned. The bottom of this hole is about one-third of a mile below the level of the sea.

The highest automobile road in Colorado, as well as in the United States, is the Mount Evans highway in Clear Creek county, which rises to an altitude of 14,260 feet.

The deepest mine in the state is the Portland, in the Cripple Creek district, Teller county, which has been opened to a depth of 3,000 feet.

The approximate mean altitude of Colorado is 6,800 feet, or 700 feet higher than Utah and 100 feet higher than Wyoming.

Railroads, Telegraph and Telephone Facilities—There are 29 railroad companies represented in Colorado, operating an aggregate of 4,928 miles of main line track. Every county in the state has some railroad mileage, though the railroad facilities of some of the counties, particularly in the northwestern and southwestern parts of the state, are inadequate. The total value of railroad property in the state, as returned by the state tax commission for the year 1930, was \$173,658,060.

The following table shows the main line tracks owned by the several railroad companies:

Road	Mileage
Atchison, Topeka & Santa Fe Railway Company.....	528.88
Chicago, Burlington & Quincy Railroad Company.....	395.37
Chicago, Rock Island & Pacific Railroad Company.....	165.85
Colorado Railway Company.....	107.14
Colorado-Kansas Railroad Co.....	22.20
Colorado & Southern Railroad Co.	655.78
Colorado & Southeastern Railroad Company	6.27
Colorado & Wyoming Railroad Company	40.96
Crystal River Railroad Company.	20.66
Crystal River & San Juan Co.....	7.32
Denver & Inter-Mountain Railroad Company	11.61
Denver & Rio Grande Western Railroad Company.....	1,444.53
Denver & Salt Lake Railroad Co...	220.17
Great Western Railway Company.	86.74
Greeley Terminal Railway Co.....	1.60
Laramie, North Park & Western Railroad Company.....	43.88
Manitou & Pikes Peak Railway Company	8.70
Midland Terminal Railroad Co....	56.15
Missouri Pacific Railroad Co.....	152.04

Northwestern Terminal Railway Company	3.18
Rio Grande Junction Railroad Co.	62.08
Rio Grande Southern Railroad Company	171.16
San Luis Central Railroad Co.....	12.21
San Luis Southern Railway Co....	31.53
Silverton, Gladstone & Northerly Railroad Company.....	7.17
Silverton Northern Railroad Co....	8.45
Treasury Mountain Railroad Co...	4.00
Utah Railway Company.....	50.80
Union Pacific Railroad Company.	602.02

Ninety-eight telephone companies operate in the state, owning an aggregate of 478,850 miles of wire in 1930. The valuation of all telephone property owned by these companies as determined by the state tax commission for taxation purposes was \$16,686,810 in 1930. Most of these companies are small and operate in one or two counties only. One company owns and operates more than 97 per cent of the total mileage. All counties in the state have telephone service. Four telegraph companies operate 27,394 miles of wire. Tables published elsewhere in this volume give valuations, mileage, etc., of all companies by counties.

Colorado—Brief Land History

THE territory now included in the state of Colorado did not all become the property of the United States at the same time, nor was it all conveyed in the same manner or by the same nation. Parts of it have at times belonged to the territories of Kansas, Nebraska, New Mexico and Utah, and a very considerable section of it was claimed by the Republic of Texas when that enterprising little nation won its freedom from Mexico.

The Louisiana Purchase, a vast tract of land acquired by the United States from France in 1803, extended, in a general way, westward from the Mississippi river to the Rocky mountains. About half of the land now comprising the state of Colorado was included in this purchase, the entire cost of which was about \$27,250,000.

The area south of the Arkansas river and west of the Rocky mountains was first claimed by Spain and later by Mexico. When Texas, after winning its independence from Mexico, was admitted to the Union in 1845, it claimed that part of what is now Colorado lying south of the Arkansas river, and in addition a rectangular strip extending north through the mountains into Wyoming, lying

between the 106th and the 108th meridians. By reference to the map it will be seen that a considerable part of this territory claimed by Texas was included in the Louisiana Purchase, but the controversy over the northern boundary of Texas was amicably settled before Colorado territory was organized.

The western part of Colorado and the territory in the south lying west and south of the Rio Grande del Norte was included in the immense tract of land ceded to the United States by Mexico in 1848 following the war with that country. The eastern boundary of this ceded land was at about the 108th meridian, except on the south, where its boundary, as before stated, was the Rio Grande del Norte.

The territory of Utah was organized in 1850. It extended east to the main range of the Rocky mountains, including nearly one-half of what is now Colorado. In 1854 the territories of Kansas and Nebraska were created by the famous Kansas-Nebraska act. Kansas territory then extended west to the territory of Utah, the southern boundary being the territory of New Mexico, which at that time extended north to the Arkansas river, and the northern boundary being at the 40th parallel, which passes near the pres-

ent site of the city of Brighton. That part of what is now Colorado, lying north of this parallel and extending west to the boundary of Utah territory was included in Nebraska territory.

In 1855 that part of Colorado then included in Kansas territory was organized into Arapahoe county, and Allen P. Tibbitts, Levi Mitchell and Jonathan Atwood were named as commissioners to locate the county seat of the new county, which was to be called Mountain City. They were likewise to act as commissioners for the new county, but there is no record available showing that they ever assumed their duties. In 1856 an election was held in Arapahoe county, K. T., and Benjamin F. Simmons was chosen as the first representative from this county in the Kansas territorial legislature.

But the people in the new towns and mining camps, dissatisfied with a government the seat of which was several hundred miles away, and could be reached only after a week's hard travel, soon started a movement for the organization of a new territory, to include that part of Kansas territory known as Arapahoe county. This movement gained strength rapidly, and some of the more ambitious conceived the idea that the creation of a new state was the proper procedure. They spent some months working on the plan and finally agreed that the new state should be called Jefferson and should extend north far into what is now Wyoming. An election held late in 1859 showed that a majority of the voters were in favor of trying a territorial government before attempting statehood, and Robert W. Steele was elected as the first governor of "Jefferson Territory." The following counties were provided for in the organization of the so-called "Jefferson Territory": Arapahoe, Cheyenne, El Paso, Fountain, Jackson, Jefferson, Mountain, North Park, Saratoga, Steele and St. Vrain.

In the meantime, however, steps were being taken at Washington to bring about the organization of a territory through the regularly constituted legislative channels. In February, 1861, Colorado Territory was regularly organized, its boundaries being substantially the same as those of the state today. On June 6, 1861, Mr. Steele formally abdicated as governor of "Jefferson Territory," and that unique political subdivision passed into history.

The organization of Colorado territory did not settle the numerous controversies regarding land titles that existed when the territory was organized. Within the area formerly claimed by the state of Texas, as well as that ceded by Mexico, there were numerous land grants, made by the Spanish and Mexican governments, all of which were confirmed by the United States when this area became a part of the Union. A special land court was created for the examination and adjudication of these titles, and in all cases where the records showed that the grants were properly made they were formally approved by this court. In addition to these old grants there were large tracts of land which had been set apart for Indian tribes who had long claimed this territory as their own. Those who are familiar with the early history of the state will know that the controversies with these Indians were not settled without many bloody battles, which resulted in heavy loss of life among both the Indians and the pioneer settlers. In 1861 the federal government entered into a treaty with the Cheyenne and Arapahoe Indians, under which the Indians ceded to the government their lands in eastern Colorado. The Indians did not abide by this treaty, however, and they waged vigorous warfare against the white settlers for several years with a view to driving them from the plains of eastern Colorado. On October 28, 1867, they signed another treaty with the United States, ceding all their lands between the Platte and Arkansas rivers, and agreeing to their removal to Indian Territory.

In the western part of the state settlers came in contact with the Ute Indians. In 1868 a treaty had been made between these Indians and the government by which the government confirmed their title to a large tract of land in the southern and western parts of the state. After the discovery of rich metal deposits in the San Juan district, white settlers began to come in rapidly, and steps were taken to recover the land that had been confirmed by the government as the property of the Utes. The Indians were strongly opposed to giving it up, but in 1873, largely through the influence of Chief Ouray, one of the most illustrious leaders of the red men in Colorado, a treaty was signed by which the Utes ceded to the government the mineral lands in the San Juan district.

They still retained, however, more than 15,500,000 acres of land on the

western slope. Numerous encounters occurred between these Indians and the white men during the early settlement of the agricultural lands in this territory, and it was not until 1881 that the Indians in this region, usually known as the Uncompahgre Utes, were removed to the Uintah reservation, in eastern Utah.

An Indian reservation also was established in southwestern Colorado and northwestern New Mexico, to which most of the Southern Utes were removed. This is the only Indian reservation in Colorado at present, though there is some Indian land in La Plata county belonging to Ute Indians.

Colorado Territory as at first organized contained 17 counties, the list including Arapahoe, Boulder, Clear Creek, Conejos (then known as Guadalupe), Costilla, Douglas, El Paso, Fremont, Gilpin, Huerfano, Jefferson, Lake, Larimer, Park, Pueblo, Summit and Weld. Since that time the number has been increased until there are now 63. New counties were created at various times, but in 1883 a general division of the western slope was made, the counties of Delta, Eagle, Garfield, Mesa, Montrose, Ouray and San Miguel being created from the larger counties of earlier days. The second general division of great areas into smaller counties occurred in 1889, when the gradual settlement of the eastern Colorado plains gave rise to the creation of 11 new subdivisions, the counties then created being Baca, Cheyenne, Kiowa, Kit Carson, Lincoln, Morgan, Otero, Phillips, Prowers, Sedgwick and Yuma. Montezuma and Rio Blanco, western Colorado counties,

also were created in that year. Since that time only eight new counties have been created by the legislature, the later list including Mineral, Teller, Jackson, Crowley, Moffat, Denver, Adams and Alamosa. In 1902 Denver and Adams counties were taken out of Arapahoe county and established as separate entities. No new counties have been established since 1913, when Alamosa county was made up from parts of Conejos and Costilla counties.

ESTABLISHMENT OF COLORADO COUNTIES

The following table shows the dates of organization of the 63 counties now existing in Colorado. The 17 counties in existence under territorial law and recognized when statehood was achieved are indicated by a star (*).

For the purpose of preserving the earlier record the following changes are noted in the statutes creating counties: Greenwood county was established in 1870 and abolished in 1874, its area being allotted to Elbert and Bent counties; Conejos county originally was known as Guadalupe county; Carbonate county was established from a part of Lake county in 1879, but at the same legislative session the name of Lake was changed to Chaffee and Carbonate was changed to Lake; Uncompahgre county was established in 1883, but later in the same year the name was changed to Ouray, and what was then Ouray county was changed to San Miguel county.

The names of the present counties and the dates of organization follow:

Adams	1901	Garfield	1883	Otero	1889
Alamosa	1913	Gilpin*	1861	Ouray	1877
Arapahoe*	1861	Grand	1874	Park*	1861
Archuleta	1885	Gunnison	1877	Phillips	1889
Baca	1889	Hinsdale	1874	Pitkin	1881
Bent	1870	Huerfano*	1861	Prowers	1889
Boulder*	1861	Jackson	1909	Pueblo*	1861
Chaffee	1879	Jefferson*	1861	Rio Blanco	1889
Cheyenne	1889	Kiowa	1889	Rio Grande	1874
Clear Creek*	1861	Kit Carson	1889	Routt	1877
Conejos*	1861	Lake*	1861	Saguache	1867
Costilla*	1861	La Plata	1874	San Juan	1876
Crowley	1911	Larimer*	1861	San Miguel	1883
Custer	1877	Las Animas	1866	Sedgwick	1889
Delta	1883	Lincoln	1889	Summit*	1861
Denver	1901	Logan	1887	Teller	1899
Dolores	1881	Mesa	1883	Washington	1887
Douglas*	1861	Mineral	1893	Weld*	1861
Eagle	1883	Moffat	1911	Yuma	1889
Elbert	1874	Montezuma	1889		
El Paso*	1861	Montrose	1883		
Fremont*	1861	Morgan	1889		

COLORADO'S PLACE AMONG THE STATES OF THE UNION

NOTE—Figures for Colorado of a later date than those given in this table on some items mentioned may be found elsewhere in this volume. Those used in this table are of dates for which comparative data are available.

DESCRIPTION	Colorado	United States	Colo % of U. S.	Rank Among States
Land area (square miles)-----	103,658	-2,973,776	3.49	7
Water surface (acres)-----	185,609	33,854,080	0.55	42
Population (1930)-----	1,035,791	122,775,046	0.84	33
Population per square mile (1930)-----	10.0	41.3	---	39
Population (1920)-----	939,629	105,710,620	0.89	33
Population per square mile (1920)-----	9.1	35.5	---	42
Population increase 1920-1930 (%)-----	10.2	16.1	---	---
Vacant public land July 1, 1930 (acres)---	8,027,468	178,979,446	4.49	9
Area in national forests 1929 (acres)---	13,278,233	138,121,316	9.61	4
Area in national parks and monuments 1929 (acres)-----	156,600	4,341,220	3.61	5
Visitors to national parks (1930)-----	272,530	4,044,502	26.09	---
Value all property (1922)-----	\$3,229,412,000	\$320,803,862,000	1.01	29
Value manufactured products (1927)-----	\$278,821,431	\$62,718,347,289	0.43	34
Value all farm property (1925)-----	\$712,285,000	\$57,017,740,000	1.25	24
Gasoline taxes (1929)-----	\$5,218,000	\$431,636,000	1.21	31
Developed water power Jan. 1, 1929, (horsepower)-----	98,000	13,808,000	0.71	27
Water power, potential h. p. available 50% of the time (Jan. 1, 1928)-----	1,609,000	59,166,000	2.72	8
Church membership (1926)-----	352,863	54,576,346	0.65	35
Beets produced for sugar, farm value 1921-1929-----	\$150,966,000	\$476,675,000	31.67	1
Tons of beet sugar manufactured (1921- 1929)-----	2,885,000	8,659,000	33.32	1
Livestock on farms, value (1930)-----	\$116,920,000	\$5,564,969,000	1.99	18
Farm value 75 crops (1930)-----	\$121,430,000	\$6,274,427,000	1.94	22
Gold produced, value (1928)-----	\$5,345,000	\$46,165,400	11.58	4
Silver produced, value (1928)-----	\$2,564,682	\$34,200,567	7.50	6
Lead, mine production in short tons (1928)-----	26,751	627,153	4.27	5*
Zinc, mine production, short tons (1927)---	35,865	718,541	4.99	6*
Copper produced, pounds (1928)-----	10,262,033	1,825,900,393	0.56	10*
Volume wholesale business in 1929 (1930 census)-----	\$540,398,295	\$69,628,448,061	.78	26
Railroads and equipment, value of (1922)---	\$364,963,000	\$19,950,800,000	1.83	20
Railway mileage, Dec. 31, 1928-----	4,983	249,309	2.00	23
Motor vehicles registered (1929)-----	303,489	26,501,443	1.15	27
State net governmental costs (1928)-----	\$17,412,123	\$1,877,184,189	0.93	36
Highway mileage, all types (1928)-----	68,305	3,016,281	2.26	21
Prohibition convictions in federal courts (1929)-----	131	47,100	0.28	44
U. S. Internal revenue receipts (1930)---	\$12,468,450	\$3,040,145,733	0.41	29
Individual income taxes (1930)-----	\$4,212,449	\$1,146,844,763	0.37	26
Corporation income taxes (1930)-----	\$7,835,965	\$1,263,411,466	0.62	24
Troops in world war-----	42,898	4,727,988	0.93	33
Telephones, number (1927)-----	183,250	18,522,767	0.99	25
National guard strength (June 30, 1929)---	1,725	176,988	0.97	33
Bread and other bakery products, value of products (1927)-----	\$12,994,347	\$1,394,700,224	0.93	19
Putter, value manufactured products (1927)-----	\$10,942,919	\$1,057,544,724	1.03	18
Cheese, value (1927)-----	\$553,105	\$118,447,757	0.47	12
Condensed and evaporated milk, value of output (1927)-----	\$2,499,374	\$200,086,091	1.25	14
Canning and preserving, fruits, vege- tables, etc., value (1927)-----	\$3,487,252	\$572,428,049	0.61	22
Slaughtering and packing, value of pro- ducts (1927)-----	\$30,538,016	\$3,057,215,718	1.00	20
Mining machinery, value of manufactures (1927)-----	\$3,329,797	\$35,259,263	9.44	3
Flour and other grain mill products, value (1927)-----	\$13,267,581	\$1,148,760,360	1.15	23
Est. barrels of oil recoverable from Ter- tiary shale-----	47,625,598,000	75,335,721,000	63.22	1
Coal produced, tons, (1927)-----	9,724,075	517,763,352	1.88	9
Petroleum output, barrels, bureau of mines figures (1929)-----	2,358,000	1,007,323,000	0.23	16
Coke produced, tons (1929)-----	570,000	53,476,000	1.07	14
Clay products, value (1925)-----	\$4,351,749	\$333,730,417	1.30	18
Fluorspar produced, value (1925)-----	\$153,707	\$2,052,342	7.49	3
Public school property, value (1925-26)---	\$54,643,686	\$4,676,603,539	1.13	24
Probable number millionaires (1923)---	44	8,600	0.51	21
Coal, reserve tonnage bituminous, geolog- ical survey estimate, figures in millions of tons-----	213,071	1,441,395	14.78	1
Lodgepole pine cut, in board feet (1927)---	5,994,000	13,255,000	45.22	1

*Includes Alaska.

†Includes Alaska and possessions.

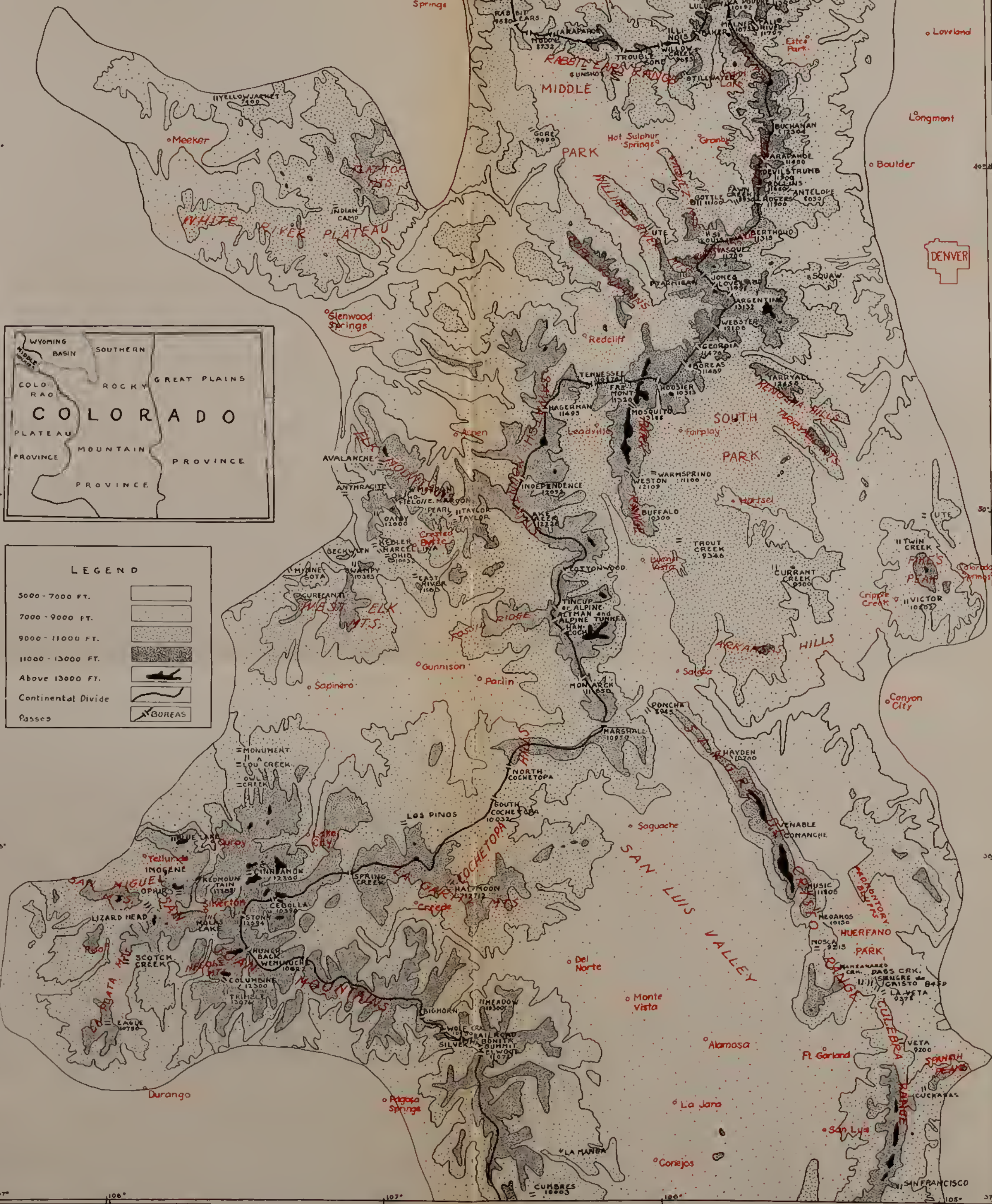
LAND CLASSIFICATION BY PERCENTAGES

COUNTY	Area Acres	Patented Land %	Homestead Land %	National Forests %	State Land %	Non- Patented Land %
Adams	807,680	94.01	....	....	3.62	3.62
Alamosa	465,280	68.43	11.42	6.24	10.01	27.67
Arapahoe	538,880	95.10	....	....	2.72	2.72
Archuleta	780,800	32.25	13.20	51.67	2.32	67.19
Baca	1,633,280	93.91	0.05	....	1.88	1.93
Bent	975,360	81.45	0.51	....	14.18	14.69
Boulder	488,960	59.40	1.41	25.39	1.44	28.24
Chaffee	693,120	16.96	12.55	61.26	2.60	76.41
Cheyenne	1,137,280	94.50	0.05	....	4.74	4.79
Clear Creek	249,600	22.60	6.88	68.64	0.82	76.34
Conejos*	801,280	32.49	31.72	34.47	7.69	73.88
Costilla	758,400	99.72	....	....	....	....
Crowley	517,120	82.47	0.21	....	11.74	11.95
Custer	478,080	54.80	3.10	35.27	2.74	41.11
Delta	768,640	47.28	18.91	24.71	....	43.62
Denver	37,120	94.50	....	....	1.56	1.56
Dolores	667,520	29.48	8.31	49.20	1.28	58.79
Douglas	540,800	70.85	0.07	25.21	1.63	26.91
Eagle	1,036,800	15.02	12.34	57.30	1.70	71.34
Elbert	1,188,480	91.27	0.03	....	6.45	6.48
El Paso	1,357,440	75.01	0.06	7.39	14.09	21.54
Fremont	996,480	38.71	37.07	7.02	5.78	49.87
Garfield	1,988,480	16.95	29.36	26.25	0.00005	55.61
Gilpin*	84,480	58.01	5.74	68.06	1.47	75.27
Grand	1,194,240	25.93	8.39	45.64	5.43	59.46
Gunnison	2,034,560	18.09	22.16	55.56	0.94	78.66
Hinsdale*	621,440	4.16	17.90	83.53	1.33	102.76
Huerfano	960,000	69.30	5.73	14.54	4.68	24.95
Jefferson	1,044,480	29.92	17.54	38.67	4.91	61.12
Kit Carson	517,120	69.96	0.22	18.48	2.57	21.27
Kiowa	1,150,720	91.12	0.12	....	5.38	5.50
Kit Carson	1,381,760	94.78	0.04	....	4.15	4.19
Lake*	237,440	27.13	12.05	67.04	0.73	79.82
La Plata	1,184,640	37.85	13.23	31.85	1.32	46.40
Larimer	1,682,560	45.89	1.49	35.60	4.21	41.30
Las Animas	3,077,760	89.26	1.27	0.99	5.05	7.31
Lincoln	1,644,800	91.16	0.10	....	7.62	7.72
Logan	1,166,080	85.27	0.17	....	12.30	12.47
Mesa	2,024,320	24.25	38.31	28.42	0.00005	66.73
Mineral*	554,240	5.55	....	95.37	0.12	95.49
Moffat	2,981,120	33.17	48.79	1.41	6.95	57.15
Montezuma	1,312,640	24.28	16.41	17.74	2.69	36.84
Montrose	1,448,960	28.88	37.79	21.60	0.01	59.40
Morgan	823,040	90.90	0.18	....	7.32	7.50
Otero	805,760	81.09	0.45	....	14.92	15.37
Ouray	332,160	50.50	6.56	38.09	0.95	45.60
Park	1,434,880	33.91	4.78	43.74	6.46	54.98
Phillips	440,320	93.21	....	....	3.99	3.99
Pitkin	652,160	13.77	2.29	70.40	0.20	72.89
Prowers	1,043,200	93.60	0.11	....	4.34	4.45
Pueblo	1,557,120	76.91	0.92	1.86	14.97	17.75
Rio Blanco	2,062,720	17.49	52.21	17.52	....	69.73
Rio Grande	574,720	39.22	13.24	40.55	2.55	56.34
Routt	1,477,760	42.56	4.08	37.72	4.76	46.56
Saguache	2,005,120	28.02	14.96	43.61	4.84	63.41
San Juan	289,920	8.69	15.87	64.72	2.56	83.15
San Miguel	824,320	29.20	36.87	21.43	2.62	60.92
Sedgwick	339,840	90.47	0.02	....	6.48	6.50
Summit	415,360	16.99	3.36	66.35	0.23	69.94
Teller	350,080	54.08	10.23	30.02	3.03	43.28
Washington	1,613,440	91.98	0.07	....	5.81	5.88
Weld	2,574,080	89.15	0.16	....	6.85	7.01
Yuma	1,514,880	95.13	0.10	....	3.62	3.72
State	66,341,120	56.02	12.10	20.09	4.64	36.83







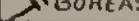
*Owing to inaccuracies in surveys and other causes, the figures for these counties do not always equal 100 per cent, sometimes going over that total.

In addition to lands shown here there are in most counties areas not accounted for as to title, these areas not being included in this table.

SCALE: 1 INCH EQUALS 24 MILES



LEGEND

5000 - 7000 FT.	
7000 - 9000 FT.	
9000 - 11000 FT.	
11000 - 13000 FT.	
Above 13000 FT.	
Continental Divide	
Passes	

RANK OF COUNTIES IN THE STATE

COUNTY	Area	Population (1930)	Bank Deposits (Dec. 31, 1930)	Agricultural Values (1930)	Dairy Cattle Values (1930)	Range Cattle Values (1930)	Value Sheep (1930)	Value Swine (1930)	Metal Mining (1929)	Coal Mining (1930)	Manufacturing (1919)	Miles Railroad (1930)	Number Autos (1930)	Miles Highways (1930)	Assessed Valuation (1930)
Adams.....	35	12	28	8	5	47	46	6	19	--	9	18	10	14	9
Alamosa.....	53	30	20	28	39	43	36	27	--	--	28	42	23	40	38
Arapahoe.....	48	10	17	31	14	42	39	30	--	--	23	34	9	36	15
Archuleta.....	38	48	57	50	48	39	23	45	--	24	29	33	53	42	52
Baca.....	11	22	38	26	34	12	40	10	--	--	48	44	25	33	29
Bent.....	31	29	32	19	32	26	24	25	--	--	33	26	35	30	31
Boulder.....	51	7	6	16	10	46	45	29	16	6	5	14	5	29	6
Chaffee.....	41	31	23	48	41	49	42	35	20	--	13	27	31	48	39
Cheyenne.....	26	46	53	30	42	15	34	20	--	--	59	32	46	24	30
Clear Creek.....	69	51	47	61	60	61	55	--	13	--	45	57	48	55	49
Conejos.....	37	25	40	21	30	34	6	19	--	--	20	38	33	35	41
Costilla.....	40	38	58	38	54	56	22	36	--	--	39	31	51	53	50
Crowley.....	50	36	41	17	40	36	43	26	--	--	19	55	38	28	40
Custer.....	52	52	55	45	45	44	48	47	--	--	57	60	47	32	60
Delta.....	39	18	18	20	15	21	10	24	--	11	30	30	18	37	28
Denver.....	63	1	1	--	55	--	--	--	--	--	1	37	1	--	1
Dolores.....	42	58	--	55	57	55	27	49	9	19	61	58	60	54	61
Douglas.....	47	47	44	41	12	24	57	39	--	--	18	16	39	34	35
Eagle.....	29	44	49	44	38	20	18	42	2	--	53	24	40	46	43
Elbert.....	22	34	34	24	7	17	33	13	--	21	59	23	30	10	22
El Paso.....	19	4	3	23	2	14	44	18	--	8	10	4	4	3	4
Fremont.....	30	14	8	42	29	40	53	34	--	7	7	12	14	49	16
Garfield.....	8	23	12	27	18	8	4	21	23	14	32	10	20	15	20
Gilpin.....	62	60	54	60	62	59	--	57	12	--	51	52	56	57	59
Grand.....	21	53	48	46	37	29	25	51	--	--	21	28	49	50	46
Gunnison.....	5	40	26	43	36	3	12	48	15	5	40	5	37	44	25
Hinsdale.....	44	63	--	58	58	58	49	--	22	--	62	61	62	58	63
Huerfano.....	32	16	14	47	31	31	20	43	--	3	34	8	16	41	23
Jackson.....	27	59	--	36	46	5	19	53	--	13	46	46	54	45	58
Jefferson.....	49	11	27	29	13	37	52	38	--	9	22	13	12	17	12
Kiowa.....	25	45	50	34	50	27	38	33	--	--	56	22	45	31	32
Kit Carson.....	18	26	35	9	9	22	47	2	--	--	42	36	22	11	18
Lake.....	61	41	31	57	59	60	59	--	4	--	11	39	41	59	44
La Plata.....	23	20	13	33	25	30	16	37	18	12	15	9	28	13	27
Larimer.....	9	6	7	5	6	19	26	23	--	--	3	6	6	16	5
Las Animas.....	1	5	5	35	20	1	3	32	--	1	12	2	7	2	7
Lincoln.....	10	33	37	18	23	9	35	11	--	--	27	29	29	18	19
Logan.....	24	13	15	2	8	18	50	4	--	--	17	7	11	5	8
Mesa.....	6	8	9	11	3	2	1	15	--	10	16	11	8	6	11
Mineral.....	46	62	--	59	61	57	32	--	8	--	63	59	61	62	62
Moffat.....	2	42	43	39	33	28	2	41	--	16	50	63	44	23	45
Montezuma.....	20	32	29	37	24	41	14	40	21	17	38	35	34	21	47
Montrose.....	16	21	16	22	21	23	9	14	24	20	24	41	21	22	34
Morgan.....	34	15	10	3	11	35	56	8	--	--	8	20	13	19	13
Otero.....	36	9	11	7	17	33	17	16	--	--	6	17	15	12	10
Ouray.....	58	56	52	54	52	45	29	52	7	23	49	51	55	52	55
Park.....	17	54	56	49	47	32	13	55	5	--	44	15	50	43	42
Phillips.....	54	37	30	14	27	53	61	7	--	--	31	53	32	26	26
Pitkin.....	43	57	51	51	53	51	41	46	14	15	52	50	59	56	56
Prowers.....	28	17	25	13	22	25	28	9	--	--	14	25	19	25	17
Pueblo.....	13	2	2	12	16	16	31	22	--	--	2	3	3	8	3
Rio Blanco.....	4	49	39	40	44	6	8	44	--	18	43	62	52	38	48
Rio Grande.....	45	24	19	10	35	38	11	17	17	--	25	40	27	51	36
Routt.....	15	28	33	32	19	4	5	31	--	4	26	19	26	7	21
Saguache.....	7	35	36	25	43	10	7	28	6	--	36	21	43	20	37
San Juan.....	59	55	46	--	63	62	37	--	1	--	55	56	58	60	57
San Miguel.....	33	50	--	52	49	50	15	50	11	22	41	43	56	39	53
Sedgwick.....	57	39	42	15	28	48	53	12	--	--	51	54	36	27	33
Summit.....	55	61	59	56	56	54	54	56	10	--	61	45	57	61	54
Teller.....	56	43	22	53	51	52	60	54	3	--	37	49	42	47	51
Washington.....	12	27	45	6	26	11	30	3	--	--	47	47	24	4	24
Weld.....	3	3	4	1	1	13	21	5	--	2	4	1	2	1	2
Yuma.....	14	19	24	4	4	7	51	1	--	--	35	48	17	9	14

COMPOSITION AND CHARACTERISTICS OF POPULATION BY COUNTIES
(Census 1930)

COUNTY	Total Popu- lation	Native White	Foreign Born White	Negro	Indian	Chinese	Japanese	Mexican
Adams-----	20,245	16,349	2,133	107	4	----	437	1,191
Alamosa-----	8,602	7,810	213	49	----	----	21	507
Arapahoe-----	22,647	20,588	1,652	104	10	1	53	224
Archuleta-----	3,204	1,582	47	----	5	----	12	1,558
Baca-----	10,570	10,436	80	2	4	----	----	48
Bent-----	9,134	7,825	239	15	2	20	163	866
Boulder-----	32,456	27,792	2,702	128	7	7	133	1,675
Chaffee-----	8,126	6,416	770	23	1	----	31	884
Cheyenne-----	3,723	3,491	184	1	1	----	----	46
Clear Creek-----	2,155	1,866	269	11	----	2	----	7
Conejos-----	9,803	9,614	86	4	13	----	41	26
Costilla-----	5,779	5,339	63	1	3	----	171	190
Crowley-----	5,934	4,282	292	17	8	----	92	1,243
Custer-----	2,124	1,831	167	36	----	----	----	90
Delta-----	14,204	12,616	548	1	5	----	49	982
Denver-----	287,861	241,742	31,235	7,204	243	154	349	6,837
Dolores-----	1,412	1,287	91	----	----	----	6	25
Douglas-----	3,498	3,163	220	2	----	----	----	112
Eagle-----	3,924	3,233	293	1	----	----	1	389
Elbert-----	6,580	6,152	357	13	3	----	11	44
El Paso-----	49,570	44,424	3,247	1,096	20	5	10	759
Fremont-----	18,896	15,988	1,752	216	12	----	4	923
Garfield-----	9,975	8,870	752	11	2	----	----	340
Gilpin-----	1,212	1,029	174	----	----	----	----	9
Grand-----	2,168	1,897	176	----	----	----	7	28
Gunnison-----	5,527	4,544	715	13	3	----	----	252
Hinsdale-----	449	402	29	3	----	----	----	15
Huerfano-----	17,062	12,555	1,786	254	----	----	26	2,425
Jackson-----	1,386	1,244	113	----	----	----	----	29
Jefferson-----	21,810	19,462	2,120	64	14	1	56	92
Kiowa-----	3,786	3,607	87	30	1	----	----	61
Kit Carson-----	9,725	9,375	338	----	----	----	----	12
Lake-----	4,899	3,613	986	17	1	----	----	282
La Plata-----	12,975	9,954	782	35	430	14	7	1,753
Larimer-----	33,137	28,242	2,814	13	11	----	3	2,054
Las Animas-----	36,008	27,487	3,426	286	51	4	5	4,748
Lincoln-----	7,850	7,490	275	1	1	----	----	83
Logan-----	19,946	17,294	1,698	39	3	----	97	815
Mesa-----	25,908	23,548	1,263	72	10	7	35	973
Mineral-----	640	566	42	1	----	----	----	31
Moffat-----	4,861	4,595	228	1	----	----	----	36
Montezuma-----	7,798	6,316	199	3	413	----	----	867
Montrose-----	11,742	9,927	551	8	8	----	56	1,191
Morgan-----	18,284	15,109	1,721	35	----	----	21	1,398
Otero-----	24,390	19,078	766	222	12	----	332	3,941
Ouray-----	1,784	1,552	228	3	----	1	----	----
Park-----	2,052	1,864	120	----	----	----	----	68
Phillips-----	5,797	5,526	262	----	9	----	----	----
Pitkin-----	1,770	1,374	391	3	1	----	1	----
Prowers-----	14,762	12,883	374	46	15	3	5	1,436
Pueblo-----	66,038	52,865	6,328	1,333	26	13	91	5,356
Rio Blanco-----	2,980	2,827	103	16	----	----	----	34
Rio Grande-----	9,953	9,284	232	4	1	----	2	430
Routt-----	9,352	8,081	841	125	19	----	65	220
Saguache-----	6,250	5,555	187	2	----	----	1	505
San Juan-----	1,935	1,314	460	4	----	----	----	157
San Miguel-----	2,184	1,872	235	2	2	----	----	73
Sedgwick-----	5,580	4,733	368	4	----	----	91	384
Summit-----	987	856	124	----	----	----	----	7
Teller-----	4,141	3,695	428	7	----	----	----	11
Washington-----	9,591	8,988	453	27	----	----	16	107
Weld-----	65,097	49,221	6,204	111	19	1	712	8,792
Yuma-----	13,613	13,190	387	2	2	----	----	32
State-----	1,035,791	875,711	85,406	11,828	1,395	233	3,213	57,676

Note—To reach the total shown in the first column the following non-classified races, not shown in the table, must be added: Adams, 24; Alamosa, 2; Arapahoe, 15; Bent, 4; Boulder, 12; Chaffee, 1; Conejos, 19; Costilla, 12; Delta, 3; Denver, 97; Douglas, 1; Eagle, 7; El Paso, 9; Fremont, 1; Huerfano, 16; Jefferson, 1; Las Animas, 1; Montrose, 1; Otero, 39; Pueblo, 26; Routt, 1; Weld, 37; total, 329.

COLORADO POPULATION STATISTICS, BY YEARS AND CLASSIFICATION

(Compiled from Federal Census Reports)

	1930	1920	1910	1900
Total Population	1,035,791	939,629	799,024	539,700
Number per square mile.....	10.0	9.1	7.7	5.2
Increase over preceding census:				
Number	96,162	140,605	259,324	126,451
Per cent increase.....	10.2	17.6	48.0	30.6
Males	530,752	492,731	430,697	368,327
Females	505,039	446,898	368,327	244,368
Males to 100 females.....	105.1	110.3	116.9	120.9
Urban	519,832	453,259	404,840	260,651
Males	254,319	229,374	206,805	134,267
Females	265,563	223,885	198,035	126,384
Rural	515,909	486,370	394,184	279,049
Males	276,433	263,357	223,892	161,065
Females	239,476	223,013	170,292	117,984
Number illiterate (10 years, or more, age).....	23,141	24,208	23,780	17,779
Per cent illiterate.....	2.8	3.2	3.7	4.2
Color and nativity:				
Native white.....	875,711	807,149	656,564	438,571
Foreign-born white.....	85,406	*116,954	126,851	90,475
Negro	11,828	11,318	11,453	8,570
Mexicans	57,676	*	*	*
Indians	1,395	1,383	1,482	1,437
Chinese	233	291	373	509
Japanese	3,213	2,464	2,300	48
All others.....	329	70	1	90
Population by age:				
Under 5 years.....	95,670	97,058	82,562	56,999
5 to 9	104,780	95,086	75,616	57,277
10 to 14	98,940	89,214	69,688	48,871
15 to 19	95,132	78,632	71,045	45,014
20 to 24	86,913	78,338	79,050	49,600
25 to 29	77,310	78,905	78,885	51,335
30 to 34	74,191	74,825	69,313	49,938
35 to 44	146,667	134,428	116,508	85,691
45 to 54	115,665	100,424	83,259	50,889
55 to 64	78,035	64,002	44,022	25,890
65 to 74	45,073	30,049	20,158	10,621
75 and over.....	16,714	11,014	6,569	3,025
Unknown	701	7,654	2,349	4,550
Persons 10 years old and over engaged in gainful occupations:				
Number engaged.....	402,894	366,457	338,724	.....
Per cent of total population...	38.9	49.0	52.9	.....
Males	321,718	303,870	285,083	.....
Females	81,176	62,587	53,641	.....
By occupations:				
Agriculture†	106,234	100,153	.....	.....
Forestry and fishing.....	1,366	†	.....	.....
Extraction of minerals.....	20,045	23,382	.....	.....
Manufacturing and mechanical industries	68,785	73,924	.....	.....
Transportation	42,859	32,210	.....	.....
Trade	67,139	45,730	.....	.....
Public service (not elsewhere classified)	8,716	6,984	.....	.....
Professional service.....	36,238	24,963	.....	.....
Domestic and personal service.	39,292	33,018	.....	.....
Clerical occupations.....	†	26,093	.....	.....
Industry not specified.....	12,220	.....	.....	.....
Marital conditions (persons 15 years or over):				
Males, number.....	379,165	350,813	315,422	213,157
Single	125,015	123,473	129,828	93,891
Married	227,494	200,800	167,799	105,902
Widowed	18,895	17,592	13,457	8,903
Divorced	6,938	4,378	2,782	1,178
Unknown	823	4,570	1,556	3,283
Females, number.....	357,236	307,458	255,736	163,396
Single	83,456	73,093	65,931	42,738
Married	226,078	195,193	160,546	102,388
Widowed	40,337	34,186	25,752	16,210
Divorced	7,013	4,058	3,043	1,281
Unknown	352	923	464	779

*Mexicans were not segregated in 1920, 1910 and 1900 and are included in the foreign-born white. †Forestry and fishing were included with agriculture in 1920, 1910 and 1900. ‡Distributed under various occupations in 1930.

POPULATION OF COLORADO BY COUNTIES

(Compiled from the Census Reports)

COUNTY	Population				Increase, 1920-1930*	
	1930	1920	1910	1900	Number	Per Cent
Adams ^{a b c}	20,245	14,430	8,892	-----	5,815	40.3
Alamosa ^d	8,602	5,148	-----	-----	3,454	67.1
Arapahoe ^{a b}	22,647	13,766	10,263	153,017	8,881	64.5
Archuleta	3,204	3,590	3,302	2,117	-386	10.8
Baca	10,570	8,721	2,516	759	1,849	21.2
Bent	9,134	9,705	5,043	3,049	-571	5.9
Boulder	32,456	31,861	30,330	21,544	595	1.9
Chaffee	8,126	7,753	7,622	7,085	373	4.8
Cheyenne	3,723	3,746	3,687	501	-23	-0.6
Clear Creek	2,155	2,891	5,001	7,082	-736	-25.5
Conejos ^d	9,803	8,416	11,285	8,794	1,387	16.5
Costilla ^d	5,779	5,032	5,498	4,632	747	14.8
Crowley ^e	5,934	6,383	-----	-----	-449	-7.0
Custer	2,124	2,172	1,947	2,937	-48	-2.2
Delta	14,204	13,668	13,688	5,487	536	3.9
Denver ^{a c}	287,861	256,491	213,381	-----	31,370	12.2
Dolores	1,412	1,243	642	1,134	169	13.6
Douglas	3,498	3,517	3,192	3,120	-19	-0.5
Eagle	3,924	3,385	2,985	3,008	539	15.9
Elbert	6,580	6,980	5,331	3,101	-400	-5.7
El Paso	49,570	44,027	43,321	31,602	5,543	12.6
Fremont	18,896	17,883	18,181	15,636	1,013	5.7
Garfield	9,975	9,304	10,144	5,835	671	7.2
Gilpin	1,212	1,364	4,131	6,690	-152	-11.1
Grand	2,108	2,659	1,862	741	-551	-20.7
Gunnison	5,527	5,590	5,897	5,331	-63	-1.1
Hinsdale	449	538	646	1,609	-89	-16.5
Huerfano	17,062	16,879	13,320	8,395	183	1.1
Jackson ^f	1,386	1,340	1,013	-----	46	3.4
Jefferson ^g	21,810	14,400	14,231	9,306	7,410	51.5
Kiowa	3,786	3,755	2,899	701	31	0.8
Kit Carson	9,725	8,915	7,483	1,580	810	9.1
Lake	4,899	6,630	10,600	18,054	-1,731	-26.1
La Plata	12,975	11,218	10,812	7,016	1,757	15.7
Larimer ^f	33,137	27,872	25,270	12,168	5,265	18.9
Las Animas	36,008	38,975	33,643	21,841	-2,967	-7.6
Lincoln	7,850	8,273	5,917	926	-423	-5.1
Logan	19,946	18,427	9,549	3,292	1,519	8.2
Mesa	25,908	22,281	22,197	9,267	3,627	16.3
Mineral	640	779	1,239	1,913	-139	-17.8
Moffat ^h	4,861	5,129	-----	-----	-268	-5.2
Montezuma	7,798	6,260	5,029	3,058	1,538	24.6
Montrose	11,742	11,852	10,291	4,535	-110	-0.9
Morgan	18,284	16,124	9,577	3,268	2,160	13.4
Otero ^e	24,390	22,623	20,201	11,522	1,767	7.8
Ouray ^j	1,784	2,620	3,514	4,731	-836	-31.9
Park ^k	2,052	1,977	2,492	2,998	75	3.8
Phillips	5,797	5,499	3,179	1,583	298	5.4
Pitkin	1,770	2,707	4,566	7,020	-937	-34.6
Prowers	14,762	13,845	9,520	3,766	917	6.6
Pueblo	66,038	57,638	52,223	34,448	8,400	14.6
Rio Blanco	2,980	3,135	2,332	1,690	-155	-4.9
Rio Grande	9,953	7,855	6,563	4,080	2,098	26.7
Routt ^b	9,352	8,948	7,561	3,661	404	4.5
Saguache	6,250	4,638	4,160	3,853	1,612	34.8
San Juan	1,935	1,700	3,063	2,343	235	13.8
San Miguel ^j	2,184	5,281	4,700	5,379	-3,097	-58.6
Sedgwick	5,580	4,207	3,061	971	1,373	32.4
Summit	987	1,724	2,003	2,744	-737	-42.7
Teller	4,141	6,696	14,351	29,002	-2,555	-38.2
Washington ^b	9,591	11,208	6,002	1,241	-1,617	-14.4
Weld	65,097	54,059	39,177	16,808	11,038	20.4
Yuma ^b	13,613	13,897	8,499	1,729	-284	-2.0
State	1,035,791	939,629	799,024	539,700	96,162	10.2

*Minus sign (—) denotes decrease.

^aAdams and Denver counties were organized from parts of Arapahoe county in 1902. Prior thereto Denver was in Arapahoe county.^bParts of Adams and Arapahoe counties were annexed to Washington and Yuma counties in 1903.^cPart of Denver county was annexed to Adams county in 1909.^dAlamosa county was organized from parts of Conejos and Costilla counties in 1913.^eCrowley county was organized from part of Otero county in 1911.^fJackson county was organized from part of Larimer county in 1909.^gPart of Jefferson county was annexed to Park county in 1908.^hMoffat county was organized from part of Routt county in 1911.^jPart of San Miguel county was annexed to Ouray county in 1917.

DISTRIBUTION OF POPULATION AND PER CAPITA STATISTICS

(Based on the U. S. Census Bureau Population Report for 1930)

COUNTY	Popula- tion	Area Square Miles	Popula- tion per Square Mile	Assessed Valuation per Capita, 1930	Taxes Assessed per Capita, 1930	Bank Deposits per Capita, 1930
Adams	20,245	1,262	16.0	\$1,588.89	\$39.06	\$ 63.70
Alamosa	8,602	727	11.8	1,162.20	42.40	21.72
Arapahoe	22,647	842	26.9	1,038.40	32.65	90.93
Archuleta	3,204	1,220	2.6	1,459.42	37.98	63.03
Baca	10,570	2,552	4.1	1,266.77	35.57	69.24
Bent	9,134	1,524	6.0	1,504.44	37.19	116.04
Boulder	32,456	764	42.5	1,443.89	44.02	229.98
Chaffee	8,126	1,083	7.5	1,179.26	40.28	228.69
Cheyenne	3,723	1,777	2.1	3,703.83	68.25	71.92
Clear Creek.....	2,155	390	5.5	2,514.86	72.30	207.87
Conejos	9,803	1,252	7.8	947.81	33.33	673.95
Costilla	5,779	1,185	4.9	919.31	34.37	34.56
Crowley	5,934	808	7.3	1,713.82	47.78	109.51
Custer	2,124	747	2.8	1,438.72	40.43	110.07
Delta	14,204	1,201	11.8	1,061.62	42.72	134.25
Denver	287,861	58	4,963.2	1,592.05	51.60	237.32
Dolores	1,412	1,030	1.4	1,292.57	50.00	.....
Douglas	3,498	845	4.1	3,282.21	63.40	154.61
Eagle	3,924	1,620	2.4	1,828.90	55.26	116.88
Elbert	6,580	1,857	3.5	2,691.27	56.74	140.40
El Paso.....	49,570	2,121	23.4	1,524.78	53.21	397.92
Fremont	18,896	1,557	12.1	1,237.20	39.97	225.36
Garfield	9,975	3,107	3.2	1,811.38	68.52	273.38
Gilpin	1,212	132	9.2	2,374.39	71.77	208.92
Grand	2,108	1,866	1.1	2,759.18	64.60	209.10
Gunnison	5,527	3,179	1.7	2,879.90	71.94	298.28
Hinsdale	449	971	0.5	2,240.22	105.08	.....
Huerfano	17,062	1,500	11.4	973.27	34.69	149.64
Jackson	1,386	1,632	0.8	2,816.56	45.74	.....
Jefferson	21,810	808	27.0	1,274.50	36.65	62.92
Kiowa	3,786	1,798	2.1	3,491.83	59.79	100.04
Kit Carson.....	9,725	2,159	4.5	2,189.81	57.17	93.67
Lake	4,899	371	13.2	1,552.12	57.19	239.60
La Plata.....	12,975	1,851	7.0	1,194.70	41.23	199.33
Larimer	33,137	2,629	12.6	1,614.06	50.15	187.57
Las Animas.....	36,008	4,809	7.5	1,165.17	39.30	212.00
Lincoln	7,850	2,570	3.1	2,599.49	64.17	102.02
Logan	19,946	1,822	10.9	1,850.79	53.96	116.50
Mesa	25,908	3,163	8.2	1,166.65	39.70	158.66
Mineral	640	866	0.7	2,446.31	54.84	.....
Moffat	4,861	4,658	1.0	1,515.11	51.49	128.58
Montezuma	7,798	2,051	3.8	841.78	31.76	161.84
Montrose	11,742	2,264	5.2	1,048.75	41.25	180.71
Morgan	18,284	1,286	14.2	1,591.62	45.33	163.79
Otero	24,390	1,259	19.4	1,324.34	38.86	113.07
Ouray	1,784	519	3.4	2,290.38	74.77	171.41
Park	2,052	2,242	0.9	4,339.42	71.65	109.70
Phillips	5,797	688	8.4	2,662.74	54.74	215.82
Pitkin	1,770	1,019	1.7	2,224.95	78.27	210.58
Prowers	14,762	1,630	9.1	1,487.75	44.60	120.69
Pueblo	66,038	2,433	27.1	1,233.38	47.25	398.04
Rio Blanco.....	2,980	3,223	0.9	1,999.39	54.31	239.08
Rio Grande.....	9,953	898	11.1	1,099.36	44.72	189.47
Routt	9,352	2,309	4.1	1,701.02	50.30	105.86
Saguache	6,250	3,133	2.0	1,836.46	48.48	129.25
San Juan.....	1,935	453	4.3	1,777.81	50.51	266.22
San Miguel	2,184	1,301	1.7	2,490.53	88.95	.....
Sedgwick	5,580	531	10.5	2,379.51	70.76	115.76
Summit	987	649	1.5	4,700.25	120.27	115.19
Teller	4,141	547	7.6	1,370.34	56.74	449.32
Washington	9,591	2,521	3.8	1,798.05	48.02	56.26
Weld	65,097	4,022	16.2	1,616.09	49.82	151.20
Yuma	13,613	2,367	5.8	1,840.80	48.83	135.44
State.....	1,035,791	103,658	10.0	\$1,538.34	\$47.95	\$202.74

COLORADO COUNTIES AND COUNTY SEATS

COUNTY	County Seat	Railway Dist'ce from Denver, Miles	Population of County Seat		
			Census 1930	Census 1920	Census 1910
Adams.....	Brighton	19	3,394	2,715	850
Alamosa.....	Alamosa	251	5,107	3,171	3,012
Arapahoe.....	Littleton	10	2,019	1,636	1,373
Archuleta.....	Pagosa Springs.....	421	804	1,032	669
Baca.....	Springfield†	285	1,393	295	.....
Bent.....	Las Animas.....	202	2,517	2,252	2,008
Boulder.....	Boulder	30	11,223	11,006	9,539
Chaffee.....	Salida	215	5,065	4,689	4,425
Cheyenne.....	Cheyenne Wells.....	177	595	508	270
Clear Creek.....	Georgetown	50	303	703	950
Conejos.....	Conejos	281	£	350	.....
Costilla.....	San Luis*.....	248	£	550	.....
Crowley.....	Ordway	169	1,139	1,186	705
Custer.....	Silver Cliff.....	209	201	241	250
Delta.....	Delta	372	2,938	2,623	2,388
Denver.....	Denver .....	...	287,861	256,491	213,381
Dolores.....	Rico	443	447	326	368
Douglas.....	Castle Rock.....	32	478	461	365
Eagle.....	Eagle	329	341	358	186
Elbert.....	Kiowa*	46	185	148	.....
El Paso.....	Colorado Springs.....	75	33,237	30,105	29,078
Fremont.....	Canon City.....	160	5,938	†6,386	5,162
Garfield.....	Glenwood Springs.....	360	1,825	2,073	2,019
Gilpin.....	Central City.....	45	572	552	1,782
Grand.....	Hot Sulphur Springs..	86°	142	123	182
Gunnison.....	Gunnison	288	1,415	1,329	1,026
Hinsdale.....	Lake City.....	351	259	317	405
Huerfano.....	Walsenburg	171	5,503	3,565	2,323
Jackson.....	Walden	256	284	260	162
Jefferson.....	Golden	16	2,426	2,135	2,477
Kiowa.....	Eads	230	518	406	.....
Kit Carson.....	Burlington	167	1,280	991	368
Lake.....	Leadville	276	3,771	4,959	1,508
La Plata.....	Durango	451	5,400	4,116	4,686
Larimer.....	Fort Collins.....	68	11,489	8,755	8,210
Las Animas.....	Trinidad	212	11,732	10,906	10,204
Lincoln.....	Hugo	104	712	838	343
Logan.....	Sterling	123	7,195	6,415	3,044
Mesa.....	Grand Junction.....	424	10,247	8,665	7,754
Mineral.....	Creede	321	384	500	741
Moffat.....	Craig	232°	1,418	1,297	392
Montezuma.....	Cortez	506	921	541	565
Montrose.....	Montrose	351	3,566	3,581	3,254
Morgan.....	Fort Morgan.....	78	4,423	3,818	2,800
Otero.....	La Junta.....	183	7,193	4,964	4,154
Ouray.....	Ouray	387	707	1,165	1,644
Park.....	Fairplay	115	221	183	265
Phillips.....	Holyoke	173	1,226	1,205	659
Pitkin.....	Aspen	401	705	1,265	1,834
Prowers.....	Lamar	235	4,233	2,512	2,977
Pueblo.....	Pueblo	119	50,096	43,050	44,395
Rio Blanco.....	Meeker*	295	1,069	935	807
Rio Grande.....	Del Norte.....	283	1,410	1,007	840
Routt.....	Steamboat Springs....	177°	1,198	1,249	1,227
Saguache.....	Saguache*	265	1,010	948	620
San Juan.....	Silverton	497	1,301	1,150	2,153
San Miguel.....	Telluride	422	512	1,618	1,756
Sedgwick.....	Julesburg	197	1,467	1,320	962
Summit.....	Breckenridge	110	436	796	834
Teller.....	Cripple Creek.....	132	1,427	2,325	6,206
Washington....	Akron	112	1,135	1,401	647
Weld.....	Greeley	52	12,203	10,958	8,179
Yuma.....	Wray	165	1,785	1,538	1,000

* Not directly on railroad. † Greater Canon City. ‡ Via Lamar. Does not have direct rail communication with Denver. ° Via Moffat tunnel. £ Not incorporated.

OUTSTANDING COUNTY, SCHOOL DISTRICT AND MUNICIPAL BONDS, BY COUNTIES,
JANUARY 1, 1931.

COUNTY	County General	County School	School District	Municipal		Total Municipal	County Total
				General	Special		
Adams-----			\$ 522,100	\$ 492,400	\$ 308,000	\$ 800,400	\$ 1,322,500
Alamosa-----	\$ 46,000		258,040	216,500	185,000	401,500	705,540
Arapahoe-----			526,500	186,000	731,500	917,500	1,444,000
Archuleta-----			89,200	17,500		17,500	106,700
Baca-----	19,000		201,650	138,000	72,000	210,000	430,650
Bent-----		\$ 12,000	67,300		88,750	88,750	168,050
Boulder-----			599,600	768,000	619,200	1,387,200	1,986,800
Chaffee-----	120,000		112,000	145,000	6,100	151,100	383,100
Cheyenne-----		100,000	156,500	82,000		82,000	338,500
Clear Creek-----				22,500		22,500	22,500
Conejos-----	16,500		245,530	102,200		102,200	364,230
Costilla-----			91,800				91,800
Crowley-----			408,000	86,000	3,000	89,000	497,000
Custer-----		21,000	8,500				29,500
Delta-----	10,000		311,000	470,500	40,100	510,600	831,600
Denver-----			9,788,500	21,415,770	9,801,200	31,216,970	41,005,470
Dolores-----	80,000		19,000	500		500	99,500
Douglas-----			31,500	69,000		69,000	100,500
Eagle-----			34,500	40,000		40,000	74,500
Elbert-----			130,800	47,300		47,300	178,100
El Paso-----			1,626,000	3,712,500	409,300	4,121,800	5,747,800
Fremont-----			607,400	693,000	315,100	1,008,100	1,615,500
Garfield-----	191,500	22,000	394,850	422,000	76,000	498,000	1,106,350
Gilpin-----				77,500		77,500	77,500
Grand-----			20,000	38,000		38,000	58,000
Gunnison-----	144,000	150,000	241,000	153,100	29,500	182,600	717,600
Hinsdale-----	118,000			12,000		12,000	130,000
Huerfano-----		47,610	76,705	432,500	278,000	710,500	834,815
Jackson-----	7,000	20,000		28,000		28,000	65,000
Jefferson-----			532,600	398,500	241,170	639,670	1,172,270
Kiowa-----			156,800	69,000		69,000	225,800
Kit Carson-----			337,600	350,000	49,300	399,300	736,900
Lake-----				30,000		30,000	30,000
La Plata-----	58,000		249,800	545,500	168,600	714,100	1,021,900
Larimer-----	175,000		1,011,000	2,224,500	658,100	2,882,600	4,068,600
Las Animas-----			417,000	1,236,000	704,500	1,940,500	2,357,500
Lincoln-----	90,000		249,700	95,200	25,600	120,800	460,500
Logan-----	12,000	57,000	536,300	940,200	234,500	1,174,700	1,780,000
Mesa-----	150,000		763,550	906,950	568,800	1,475,750	2,389,300
Mineral-----				13,000		13,000	13,000
Moffat-----	28,000		77,300	59,500		59,500	164,800
Montezuma-----			107,300	109,000	43,000	152,000	259,300
Montrose-----	140,940	36,000	180,250	289,500	23,130	312,630	669,820
Morgan-----			746,000	404,000	279,000	683,000	1,429,000
Otero-----			590,900	1,004,900	74,060	1,078,960	1,669,860
Ouray-----	60,000		10,700	10,000		10,000	80,700
Park-----			24,500				24,500
Phillips-----	28,000	60,000	218,300	294,000	15,000	309,000	615,300
Pitkin-----	120,000			70,970		70,970	190,970
Prowers-----			470,200	927,100	146,000	1,073,100	1,543,300
Pueblo-----			1,602,000	500,000	3,370,300	3,870,300	5,472,300
Rio Blanco-----		75,000	46,800	154,000		154,000	275,800
Rio Grande-----		101,480	345,965	97,500	26,000	123,500	570,945
Routt-----	94,000		241,600	184,250	34,950	219,200	554,800
Saguache-----			280,000	51,000	8,650	59,650	339,650
San Juan-----	44,000		40,000				84,000
San Miguel-----	45,000		37,300				82,300
Sedgwick-----		213,000	240,200	231,000	7,500	238,500	691,700
Summit-----			35,000	32,000		32,000	67,000
Teller-----				330,200		330,200	330,200
Washington-----			228,600	134,000	23,000	157,000	385,600
Weld-----			2,637,800	1,075,500	246,780	1,322,280	3,960,080
Yuma-----			415,300	261,500	41,000	302,500	717,800
State-----	\$1,796,940	\$ 915,090	\$29,398,340	\$42,896,540	\$19,951,690	\$62,848,230	\$94,958,600

NOTE—In addition to the above total, state bonds outstanding on January 1, 1931, totaled \$8,864,700, compared with \$9,765,300 on January 1, 1930. There is also outstanding against the counties in the Moffat Tunnel district bonds in the amount of \$15,470,000. This table does not include bonds issued by municipal irrigation and drainage districts, nor does it make allowance for reserves or sinking funds for bond retirement. The amount actually outstanding is shown, and in many cases is offset to some degree by sinking funds.

The totals include the following issues requiring explanation: Brush, \$96,800 assumed by the Public Service Company; Cheyenne Wells, \$41,500 assumed by the Inland Utilities Company. General obligation bonds payable only from light and power plant revenues are included as follows: Colorado Springs, \$533,000; Haxtun, \$15,000; Loveland, \$140,000. Owing to lack of current data, approximately \$70,000 issued by the town of Holly but assumed by the Inland Utilities Company is not included in this table. The above total compares with \$96,011,500 on January 1, 1930.

SHORTEST RAILROAD MILEAGE BETWEEN COLORADOTOWNS
NOTE—Where the columns opposite names cross will be found the shortest railroad distance in miles between these cities.

	Alamosa	Boulder	Burlington	Canon City	Colorado Springs	Craig	Cripple Creek	Delta	Denver	Durango	Fort Collins	Fort Morgan	Glenwood Springs	Grand Junction	Greeley	Holly	Holyoke	Hot Sulphur Springs	Julesburg	La Junta	Las Animas	Leadville	Montrose	Pagosa Springs	Pueblo	Salida	Steamboat Springs	Sterling	Trinidad	Walden	Wray	
Alamosa	---	280	332	140	176	483	233	386	251	200	319	329	373	437	303	275	424	337	447	196	215	289	388	170	132	228	428	374	117	507	416	
Boulder	280	---	197	190	105	262	162	402	30	481	45	108	390	454	69	293	203	116	206	213	232	366	381	451	149	245	207	149	242	265	195	
Burlington	332	197	---	327	156	399	299	539	167	618	235	245	527	591	219	344	340	253	364	357	105	124	116	191	343	41	55	337	283	135	416	335
Canon City	140	327	327	---	86	392	143	213	160	373	228	238	200	264	212	184	333	246	357	105	124	116	191	343	41	55	337	283	135	416	335	
Colorado Springs	176	483	190	86	---	307	157	297	75	376	143	153	285	349	127	188	248	161	272	108	127	201	276	346	45	140	252	198	137	331	240	
Craig	483	262	399	392	307	---	364	604	232	683	300	310	592	656	284	495	405	123	429	415	434	508	583	653	331	447	32	355	444	488	397	
Cripple Creek	233	162	299	143	176	364	---	354	372	433	200	210	342	400	184	245	305	218	329	165	184	258	333	403	102	197	309	255	194	388	297	
Delta	386	402	539	213	297	604	354	---	372	433	200	210	342	400	184	245	305	218	329	165	184	258	333	403	102	197	309	255	194	388	297	
Denver	251	30	167	160	75	232	132	372	---	451	68	78	360	424	52	263	173	86	197	183	202	276	351	421	119	215	177	123	212	256	165	
Durango	200	481	618	373	376	683	433	209	451	---	519	529	350	261	23	331	241	154	183	251	270	344	419	489	92	332	428	628	574	317	707	616
Fort Collins	319	45	235	238	143	300	200	440	68	519	529	85	---	438	502	57	341	91	164	98	261	280	354	429	499	197	293	255	41	290	261	87
Fort Morgan	329	108	245	238	153	310	210	450	78	529	85	---	438	502	57	341	91	164	98	261	280	354	429	499	197	293	255	41	290	261	87	
Glenwood Springs	373	454	591	264	349	656	406	51	424	261	492	502	89	---	476	448	597	510	621	369	507	174	73	353	305	209	601	547	399	680	589	
Grand Junction	437	454	591	264	349	656	406	51	424	261	492	502	89	---	476	448	597	510	621	369	507	174	73	353	305	209	601	547	399	680	589	
Greeley	303	275	424	337	437	---	476	448	597	510	621	369	507	174	73	353	305	209	601	547	399	680	589	170	132	228	498	374	117	507	416	
Holly	424	203	344	184	188	495	245	396	262	52	503	23	311	384	448	---	436	349	460	80	61	309	375	445	143	239	440	386	162	519	428	
Holyoke	424	203	344	184	188	495	245	396	262	52	503	23	311	384	448	---	436	349	460	80	61	309	375	445	143	239	440	386	162	519	428	
Hot Sulphur Spgs.	337	116	253	245	161	123	218	458	86	537	154	164	446	510	138	349	259	---	283	269	288	362	437	507	205	301	91	209	298	342	251	
Julesburg	498	206	364	357	272	429	329	569	197	648	183	198	557	621	155	460	107	283	---	380	399	473	548	618	316	412	374	57	409	359	185	
La Junta	196	213	369	105	108	415	165	317	183	396	251	261	305	369	235	80	370	259	380	---	380	399	473	548	618	316	412	374	57	409	359	185
Las Animas	215	302	369	124	127	434	184	336	202	415	270	280	324	507	254	61	375	282	399	19	240	315	385	83	179	379	325	101	458	367		
Leadville	289	306	443	116	201	508	258	225	276	435	344	354	85	174	328	300	449	362	473	221	240	315	385	83	179	379	325	101	458	367		
Montrose	388	381	518	191	276	583	333	201	321	188	419	429	162	73	403	375	524	457	548	296	315	197	---	280	232	136	528	474	326	607	516	
Pagosa Springs	170	451	588	343	364	653	403	301	421	92	489	499	442	353	473	445	594	507	618	366	385	459	280	---	302	398	598	544	396	677	586	
Pueblo	132	149	201	41	145	351	102	253	119	332	187	197	241	305	171	243	292	305	316	64	83	157	233	302	---	96	296	242	94	375	284	
Salida	228	245	382	55	140	447	197	158	215	192	283	293	145	209	267	239	388	301	412	160	179	61	135	398	96	---	392	338	190	471	380	
Steamboat Springs	428	207	344	337	252	32	306	549	177	638	245	255	537	601	229	440	350	50	203	57	806	325	439	474	544	242	338	300	385	302	128	
Sterling	374	149	300	283	138	365	255	495	123	574	126	41	483	547	88	386	50	203	57	806	325	439	474	544	242	338	300	385	302	128		
Trinidad	117	242	283	136	137	444	194	343	124	317	280	290	335	393	264	162	385	298	409	82	101	251	326	396	91	190	389	335	468	348		
Walden	507	265	423	416	331	488	388	628	256	707	242	261	616	680	204	619	428	178	251	185	348	367	532	507	677	471	433	302	465	348		
Wray	416	195	332	336	240	397	297	537	165	616	233	281	525	589	144	629	478	251	185	348	367	532	507	677	471	433	302	465	348	---	---	

Location and Altitudes of Colorado Mountains

Name	County	Elevation, Feet	Name	County	Elevation, Feet
Achonee Mountain	Grand	12,656	Crystal Peak	Hinsdale	12,927
Adams Mountain	Grand	12,115	Culebra Peak	Costilla-Las Animas	14,069
Aetna Mountain	Chaffee	13,800	Cumulus Mountain	Grand	12,724
Albion Mountain	Boulder	12,596			
Alpine Peak	Clear Creek	11,525	Dakota Hill	Gilpin	10,930
Alps Mountain	Clear Creek	10,508	Del Norte Peak	Rio Grande	12,378
Anchor Mountain	Dolores	12,325	Democrat Mountain	Park-Lake	14,000
Andrews Peak	Grand	12,564	Dickenson Mountain	Larimer	11,874
Antero, Mount	Chaffee	14,245	Double Top Mountain	Gunnison	12,192
Apache Peak	Boulder-Grand	12,873			12,178
Apiatan Mountain	Grand	10,888	Dump Mountain	Costilla	10,310
Arapahoe Peak	Boulder-Grand	13,506	Dunraven Mountain	Larimer	12,548
Arkansas Mountain	Lake	13,797			
Arrow Peak	San Juan	13,803	Eagle Peak	Dolores	12,105
Arthur Mountain	El Paso	10,805	Echo Mountain	La Plata	13,305
Audubon Mountain	Boulder	13,223	Elbert Mountain*	Lake	14,402
Augusta Mountain	Gunnison	12,615	Electric Peak	Grand	11,943
Avery Peak	Gunnison	12,652	Elephant Mountain	Rio Grande	11,790
Axtel Mountain	Gunnison	12,013	Elk Mountain	Mineral	11,030
			Elk Mountain	Eagle-Summit	12,718
Baker Mountain	Grand	12,406	Elliott Mountain	Dolores	12,337
Bald Mountain	Boulder	11,470	Emerson Mountain	La Plata	13,147
Bald Mountain	Summit	13,964	Emmons Mountain	Gunnison	12,414
Bald Mountain	Teller	12,365	Engineer Mountain	Hinsdale-Ouray-San Juan	13,190
Baldy Mountain	Gunnison	12,809	Engineer Mountain	San Juan	12,972
Baldy Peak	Ouray	10,615	Eolus Mountain	La Plata	14,079
Banded Peak	Archuleta	12,376	Estes Cone	Larimer	11,017
Baxter Mountain	Costilla	10,629	Ethel Mountain	Routt-Jackson	11,940
Bear Mountain	San Juan	12,950	Evans Mountain	Park-Lake	13,580
Beautiful Mountain	Mineral	12,746	Evans Mountain	Clear Creek	14,260
Beckwith Mountain	Gunnison	12,371	Expectation Mountain	Dolores	12,071
Bellevue	Rio Grande	12,727			
Bierstadt Mountain	Clear Creek	14,046	Fairchild Mountain	Larimer	13,502
Big Bull Mountain	Teller	10,826	Fisher Mountain	Mineral	12,855
Big Chief Mountain	Teller	11,220	Fisher Mountain	Grand	12,280
Bison Peak	Park	12,400	Fletcher Mountain	Summit	13,917
Blackhawk Peak	Gilpin	10,323	Flora Mountain	Clear Creek-Grand	13,122
Blackhawk Peak	Dolores	12,687	Florida Mountain	La Plata	13,076
Blanca Peak	Costilla-Huerfano-Alamosa	14,390	Fox Mountain	Mineral	11,520
Bowen Mountain	Grand	12,541	Freeman Peak	Jefferson	11,627
Bross Mountain	Park	14,163			
Buck Mountain	Routt-Jackson	11,375	Garfield Mountain	El Paso	10,925
Buckeye Peak	Lake	12,863	Garfield Mountain	San Juan	13,065
Buckskin Mountain	Costilla	10,512	Garfield Peak	Gunnison	12,136
Buffalo Peak	Summit	13,541	Gilpin Peak	Ouray-San Miguel	13,682
			Glacier Peak	Summit	12,654
Calico Peak	Dolores	12,035	Gothic Mountain	Gunnison	12,646
Cameron Cone	El Paso	10,705	Grant Peak	San Juan-San Miguel	13,692
Cameron Mountain	Park	14,233	Gray Head	San Miguel	10,994
Capitol Mountain	Pitkin	13,997	Grayback Mountain	Costilla	10,575
Cascade Mountain	Gunnison	11,707	Grayrock Peak	San Juan	12,488
Cascade Mountain	Grand	12,320	Grays Peak	Clear Creek-Summit	14,274
Castle Peak	Gunnison-Pitkin	14,259	Graystone Peak	San Juan	13,489
Cement Mountain	Gunnison	12,212	Greenhorn Mountain	Huerfano-Pueblo	12,334
Chama Peak	Archuleta	12,027	Green Mountain	Jefferson	10,580
Chapin Mountain	Larimer	13,052	Greylock Mountain	La Plata	13,571
Chicago Peak	Huerfano-Costilla	10,960	Grizzly Mountain	Pitkin-Chaffee	14,020
Chief Mountain	Clear Creek	11,710	Grizzly Peak	La Plata	13,695
Chimney Peak	Hinsdale-Ouray	11,785	Grizzly Peak	Dolores-San Juan	13,733
Chiquita Mountain	Larimer	12,458			
Cinnamon Mountain	Gunnison	12,270	Hague Peak	Larimer	13,562
Cirrus Mountain	Grand	12,804	Hale Mountain	Grand	11,747
Clarence King Mountain	Boulder	13,176	Hallet Peak	Grand-Larimer	12,723
Clover Mountain	Chaffee	13,000	Handies Peak	Hinsdale	14,098
Colorado Mountain	Gilpin	10,884	Harvard, Mount	Chaffee	14,375
Columbia Peak	Clear Creek	14,030	Helmet Peak	Montezuma	11,976
Comanche Peak	Boulder	13,491	Hermosa Mountain	Dolores-San Juan	12,574
Cone Mountain	Clear Creek	12,230	Hesperus Peak	Montezuma	13,225
Conejos Peak	Conejos	13,180	Holy Cross Mountain	Eagle	13,978
Copper Mountain	Summit	12,475	Homestake Peak	Eagle	13,217
Copper Mountain	Teller	10,226			
Courthouse Mountain	Hinsdale-Ouray	12,165			
Cover Mountain	Park	10,165			
Coxcomb Peak	Hinsdale-Ouray	13,663			
Craig Mountain	Grand	12,005			
Crested Butte	Gunnison	12,172			
Crestone Needle	Custer-Saguache	14,130			
Crestone Peak	Saguache	14,233			

* Previous figure of 14,420 revised by the U. S. Geological Survey.

Name	County	Elevation, Feet
Hope Mountain-----	Mineral	12,841
Horseshoe Mountain-----	Park-Lake	13,902
Howard Mountain-----	Grand	12,814
Humboldt Peak-----	Custer-Saguache	14,044
Hunchback Mountain-----	San Juan	13,133
Ida Mountain-----	Grand-Larimer	12,868
Irving Peak-----	La Plata	13,210

Jacque Mountain-----	Summit	13,235
Jacque Peak-----	Summit	13,205
Jugged Mountain-----	San Juan	13,829
James Peak-----	Clear Creek- Grand-Gilpin	13,260
Johnny Bull Mountain-----	Dolores	12,018
Jura Knob-----	San Juan	12,617

Kendall-----	San Juan	13,480
Kingston Peak-----	Clear Creek- Gilpin	12,137
Kit Carson Peak-----	Saguache-Custer	14,100
Klondike Mountain-----	Boulder	10,802

La Garita-----	Mineral-Saguache	13,725
La Plata Peak-----	Chaffee	14,332
Lead Mountain-----	Grand	12,532
Leviathan Peak-----	San Juan	13,528
Lillie-----	Larimer	11,384
Lincoln Mountain-----	Park	14,287
Lizard Head-----	Dolores-San Miguel	13,156
London Mountain-----	Park	13,161
Lone Cone-----	San Miguel- Dolores	12,761

Lonesome Peak-----	Grand	10,588
Longs Peak-----	Boulder	14,255
Lookout Mountain-----	Grand	10,155
Lookout Mountain-----	Larimer	10,633
Lookout Peak-----	San Juan- San Miguel	13,674
Lulu Mountain-----	Grand	11,720

McCauley Peak-----	La Plata	13,551
McGregor Mountain-----	Larimer	10,482
Madden Peak-----	Montezuma- La Plata	11,980
Mahana Peak-----	Boulder	12,629
Marcellina Mountain-----	Gunnison	11,349
Maroon Peak-----	Pitkin	14,126
Martha Washington Mtn.-----	Larimer	13,269
Massive, Mount*-----	Lake	14,402
Matterhorn Peak-----	Hinsdale	13,589
McClellan, Mount.-----	Clear Creek- Summit	13,423

Meadow Mountain-----	Boulder	11,634
Meeker Mountain-----	Boulder	13,911
Metroz Mountain-----	Mineral	11,900
Mineral Hill-----	Summit	10,885
Mineral Point-----	Gunnison	12,541
Missouri Hill-----	Chaffee	12,700
Monitor Peak-----	La Plata	13,703
Monument Hill-----	La Plata	10,830
Monument Peak-----	Mineral	10,641
Mosquito Peak-----	Park-Lake	13,784
Mummy Mountain-----	Larimer	13,413

Naki Peak-----	Grand	12,221
Navajo Peak-----	Boulder-Grand	13,406
Nebo Mountain-----	San Juan	13,192
Nebraska Hill-----	Gilpin	11,548
Nigger Hill-----	Summit	10,171
Nimbus Mountain-----	Grand	12,730
Nipple Mountain-----	Fremont	10,068
North Italian Mtn.-----	Gunnison	13,225
North Maroon-----	Pitkin	14,000

Ohio Peak-----	Gunnison	12,251
Old Baldy-----	Costilla-Huerfano	14,176
Old Baldy Mountain-----	Rio Grande	12,602

Name	County	Elevation, Feet
Oregon Hill-----	Gilpin	10,884
Orton Mountain-----	Boulder	11,662
Oso Mountain-----	La Plata	13,706
Otis Peak-----	Grand-Larimer	12,478
Ouray, Mount.-----	Chaffee	13,956
Overlook Point-----	La Plata	12,995
Owen Mountain-----	Gunnison	13,102

Park Mountain-----	Costilla	10,396
Parrot Peak-----	La Plata	11,876
Parry Peak-----	Clear Creek- Grand	13,345
Pearl Mountain-----	Gunnison	13,484
Peeler Peak-----	Gunnison	12,219
Pigeon Peak-----	La Plata	13,961
Pikes Peak-----	El Paso	14,110
Pilot Knob-----	San Juan-San Miguel	13,750

Pisgah Mountain-----	Clear Creek- Gilpin	10,085
Pole Creek Mountain-----	Hinsdale	13,740
Pool Table Mountain-----	Mineral	12,142
Porphyry Peaks-----	Grand	11,155 11,355

Potato Hill-----	San Juan	11,876
Potosi Peak-----	Ouray	13,763
Princeton, Mount.-----	Chaffee	14,196
Prospect Mountain-----	Lake	12,608
Ptarmigan Hill-----	Eagle	12,174
Ptarmigan Peak-----	Park-Lake	13,736
Purple Peak-----	Gunnison	12,989
Pyramid Peak-----	Pitkin	14,000

Quandary Peak-----	Summit	14,256
--------------------	--------	--------

Red Cloud Peak-----	Hinsdale	14,050
Red Hill-----	La Plata	10,670
Red Mountain-----	Grand	11,505
Republican Mountain-----	Clear Creek	12,393
Rhyolite Mountain-----	Teller	10,771
Richmond Mountain-----	Gunnison	12,543
Richtofen Mountain-----	Grand	12,953
Rio Grande Pyramid-----	Hinsdale	13,830
Rolling Mountain-----	San Juan	13,694
Rosalie Peak-----	Park	13,575
Rosa Mountain-----	Teller	11,495
Ruby Peak-----	Gunnison	12,749
Rudolph Hill-----	Gunnison	10,130

Saddle Mountain-----	Park	10,815
Saddle Mountain-----	Mineral	12,033
St. Vrain Mountain-----	Boulder	12,162
San Bernardo Mountain-----	San Miguel	11,845
San Luis Mountain-----	Teller	10,490
San Luis Mountain-----	Saguache	14,149
Satanta Peak-----	Grand	11,885
Sawtooth Mountain-----	Mineral	12,590
Sawtooth Mountain-----	Boulder-Grand	12,304
Saxon Mountain-----	Clear Creek	11,535
Schuykill Mountain-----	Gunnison	12,188
Shavano Peak-----	Chaffee	14,239
Sheep Mountain-----	Gunnison	13,180
Sheep Mountain-----	Mineral	12,374
Sheep Mountain-----	Eagle-Summit	12,380
Sheep Mountain, North-----	Eagle-Summit	12,429
Sheridan Mountain-----	La Plata	12,785
Sherman Mountain-----	Park	14,037
Shoshone Peak-----	Boulder	13,579
Silex Mountain-----	San Juan	13,627
Silverheels Mountain-----	Park	13,825
Sioux Mountain-----	Boulder-Grand	13,310
Sneffels, Mount.-----	Ouray	14,158
Snowdon Peak-----	San Juan	13,070
Snowmass Mountain-----	Pitkin-Gunnison	13,970
Sopris, Mount.-----	Pitkin	12,823
Spanish Peak, West-----	Huerfano- Las Animas	13,623

Spanish Peak, East-----	Huerfano- Las Animas	12,708
Specimen Mountain-----	Grand-Larimer	12,482
Star Peak-----	Gunnison	13,562
Stearns Mountain-----	Huerfano-Costilla	11,409
Stewart Peak-----	Saguache	14,032
Stoll Mountain-----	Park	10,915

* Previous figure of 14,420 revised by the U. S. Geological Survey.

Name	County	Elevation, Feet
Stones Peak	Larimer	12,928
Stony Mountain	Ouray	12,677
Storm King Peak	San Juan	13,742
Storm Peak	Larimer	13,336
Storm Ridge	Gunnison	11,859
Stormy Peak	Park	11,748
Sugarloaf	Eagle-Summit	12,556
Sugarloaf Peak	Clear Creek	12,513
Sugarloaf Rock	Hinsdale	10,831
Sultan Mountain	San Juan	13,336
Summit Peak	Archuleta	13,272
Sunlight Peak	La Plata	14,084
Sunshine Mountain	San Miguel	12,945
Sunshine Peak	Hinsdale	14,018

Tanima Peak	Boulder-Grand	12,417
Tarryall Peak	Park	11,300
Taylor Mountain	Chaffee	13,600
Taylor Peak	Gunnison	13,419
Taylor Peak	Grand-Larimer	13,150
Telescope Mountain	Dolores	12,210
Tecolali Mountain	Gunnison	13,220
Terra Tomah Peak	Larimer	12,686
The Guardian	San Juan	13,617
Tilton Mountain	Gunnison	12,633
Torrey Peak	Clear Creek-Summit	14,264
Trachyte Mountain	Teller	10,863
Trinchera Mountain	Costilla-Huerfano	13,546
Trinity Peak	San Juan	13,752
		13,804
		13,745
Turret Peak	La Plata	13,819

Name	County	Elevation, Feet
Twilight Peak	San Juan	13,153
Twin Sisters	Larimer	11,435
Twin Sisters	San Juan	13,438
Uncompahgre Peak	Hinsdale	14,306
Union Mountain	Summit	12,336
Vermillion Peak	San Juan-San Miguel	13,870
Vestal Peak	San Juan	13,846
Vigil Peak	El Paso	10,075

Wasatch Mountain	San Miguel	13,551
West Needle Mountain	San Juan	13,050
Wetterhorn Peak	Hinsdale-Ouray	14,020
Wheatstone Mountain	Gunnison	12,543
Whitcross Mountain	Hinsdale	13,550
White Dome	San Juan	13,607
Whitehouse Mountain	Ouray	13,496
White Pine Mountain	Larimer	10,250
White Rock Mountain	Gunnison	13,532
Wildhorse Peak	Ouray	13,271
Wilson Mountain	Dolores	14,250
Wilson Peak	San Miguel	14,026
Windom Mountain	La Plata	14,084
Witter Peak	Clear Creek	12,856

Yale, Mount	Chaffee	14,187
Ypsilon Mountain	Larimer	13,507

Zirkel Mountain	Jackson-Routt	11,815
-----------------	---------------	--------

Lakes and Reservoirs

Name	County	Altitude
Arapahoe	Gilpin	11,165
Antero Res.	Park	8,934
Adams Res.	Adams	---
Adobe Creek Res.	Bent-Kiowa	4,150

Bradford	Huerfano	5,850
Black Hollow Res.	Weld	5,065
Bee	Larimer	5,175
Bolles	Boulder	5,040
Boedecker	Larimer	5,075
Bison Res.	Teller	10,400
Blue	Conejos	11,937
Burch's	Boulder	5,145
Beasley Res.	Boulder	5,195
Boulder	Boulder	5,228
Boyd Lakes	Larimer	4,960
Bent County Res.	Bent	4,300
Barr	Adams	---
Badger Res.	Morgan	---
Big Creek Lakes	Jackson	9,010
Boethcher	Jackson	8,160
Breman	Gunnison	10,325
Balsam	San Juan	11,435
Big Nile	Adams	---

Clear	Clear Creek	9,870
Chicago	Clear Creek	11,350
Crater	Jefferson	8,877
Chinn	Clear Creek	11,020
Chasm	Boulder	11,800
Caroline	Clear Creek	11,853
Castlewood Res.	Douglas	6,475
Calkins	Weld	4,975
Curtis	Larimer	5,080
Cheesman	Jefferson	6,856
Clear Lake	San Juan	11,875

Devils	Hinsdale	11,968
Duck	Clear Creek	11,070
Diamond	Boulder	10,960
Dorothy	Boulder	12,050
Douglas	Larimer	5,200
Demmel	Larimer	5,250
Dead	Teller	10,900
Dye Res.	Otero	4,150

Name	County	Altitude
Emerald	Hinsdale	10,020
Eldora	Boulder	9,245
Edith	Clear Creek	10,117
Eileen	La Plata	8,924
Erdman	Pueblo	4,610
Empire Res.	Morgan-Weld	---

Fossil Creek Res.	Larimer	4,890
Fountain Valley Res.	El Paso	5,800

Grand	Grand	8,369
Gold	Boulder	8,600
Gerard Res.	Prowers	4,050
George	Park	6,915

Hoffman	Boulder	5,120
Hazel	San Juan	11,420
Hazel	La Plata	12,420
Head	Alamosa	7,527
Hermit Lakes	Hinsdale	9,975
Horse Creek Res.	Bent-Otero	4,950
Hungerford	Pueblo	4,520
Huerfano	Pueblo	4,725
Hayden Res.	Pueblo	---

Ice	Clear Creek	12,188
Ignacio Res.	La Plata	8,375
Isabelle	Boulder	10,852
Irish	Larimer-Boulder	5,090

Jasper	Boulder	10,733
Julesburg Res.	Sedgwick-Logan	---
Jackson	Morgan	---
Jim Crowe Res.	Weld	---

King Res.	Kiowa-Prowers	3,860
-----------	---------------	-------

Lost	Boulder	9,980
Lower Crater	Gilpin	10,580
Los Lagos	Boulder-Gilpin	8,930
Loch Lomond	Clear Creek	11,140
Lena	Routt	9,980
Lorland	Larimer	5,022
Loch Ivanho	Pitkin	10,930
Long	Boulder	10,499

Name	County	Altitude	Name	County	Altitude
Marvine-----	Rio Blanco-----	10,500	Shaw-----	Mineral-----	9,830
McIntosh-----	Boulder-----	5,060	Spruce Lakes-----	Mineral-----	11,263
Moraine-----	El Paso-----	10,215	Silver-----	San Juan-----	11,675
Monarch-----	Grand-----	8,340	Seeley-----	Weld-----	4,175
Mills-----	Larimer-----	11,496	San Cristobal-----	Hinsdale-----	8,997
Maroon-----	Pitkin-----	9,700	Santa Maria-----	Mineral-----	9,475
Molas-----	San Juan-----	10,488	San Luis-----	Alamosa-----	7,525
Margareta-----	Routt-----	10,450	Strawberry-----	Grand-----	8,340
Milton-----	Weld-----	-----	Summit-----	Clear Creek-----	12,740
Middle Plum Res.-----	Prowers-----	4,100	Slater-----	Clear Creek-----	11,385
Meredith-----	Crowley-----	4,303	Silver-----	Boulder-----	10,190
Minnequa-----	Pueblo-----	4,740	Swedes-----	Boulder-----	5,095
Naylor-----	Clear Creek-----	11,348	Snowden-----	Otero-----	4,820
New Windsor Res.-----	Weld-----	4,920	Seven Lakes-----	Teller-----	10,900
North Plum Res.-----	Prowers-----	4,100	Sanchez Res.-----	Costilla-----	5,500
North Butte Res.-----	Prowers-----	4,200	Stanley Res.-----	Jefferson-----	-----
Nee Noshee Res. No. 3-----	Kiowa-----	3,870	Twin Lakes-----	Lake-----	9,012
Nee Sopla Res. No. 5-----	Kiowa-----	3,860	Trappers-----	Rio Blanco-----	10,500
Nee Gronda Res. No. 4-----	Kiowa-----	3,840	Trout-----	San Miguel-----	9,750
Nee Skah Res.-----	Kiowa-----	3,885	Terry-----	Larimer-----	5,095
Owens-----	Boulder-----	5,220	Timnath-----	Weld-----	4,900
Otanawanda-----	Ouray-----	8,900	Two Buttes Res.-----	Baca-Prowers-----	4,230
Palmer-----	Douglas-----	9,210	Turkey Creek Res.-----	Pueblo-----	5,580
Peterson-----	Boulder-----	9,245	Thatcher-----	Pueblo-El Paso-----	5,395
Point of Rocks Res.-----	Logan-----	3,800	Upper Crater-----	Gilpin-----	10,997
Price Res.-----	Prowers-----	3,850	Upper Nile-----	Adams-----	-----
Prewitt Res.-----	Logan-----	3,900	Wellington-----	Jefferson-----	9,863
Pisgah-----	Gilpin-----	9,656	Warren-----	Larimer-----	4,985
Powderhorn-----	Hinsdale-----	11,830	Woods-----	Weld-----	4,860
Res. No. 2-----	El Paso-----	11,270	Woods-----	Eagle-----	9,405
Res. No. 4-----	Teller-----	10,900	Webster Park Res.-----	Fremont-----	5,950
Res. No. 5-----	Teller-----	10,900	Williams-McCreery-----	Morgan-----	-----
Res. No. 7-----	El Paso-----	12,080			
Res. No. 8-----	El Paso-Teller-----	11,675			
Riverside Res.-----	Weld-----	-----			
Res. No. 1, No. 2-----	Kiowa-----	3,770			
Res. No. 4-----	Kiowa-----	4,025			
Res. No. 1-----	Otero-----	4,750			
Res. No. 4-----	Otero-----	4,750			
Res. No. 5-----	Otero-----	4,750			

This list includes only some of the more important lakes and reservoirs in the state. There are hundreds of small lakes in the mountains, many of which have no names. On Battlement mesa and Grand mesa, in Delta and Mesa counties, there are more than a hundred comparatively small lakes lying at an altitude above 8,000 feet, all well stocked with trout.

Colorado's Mountain Passes

THREE terms—"summit," "divide" and "pass"—are used in Colorado to designate the highest elevations reached by routes which cross the various mountain ranges of the state. More particularly, the terms refer to that portion of the carry from one drainage basin to another whenever the mountain range forming the watershed is one of **formidable character**. Such a divide is likely to present obstacles to early crossings and the later construction of roads or railroads, even when advantage is taken of natural valleys and natural depressions found within the mountains. In appreciation of this difficulty, the proper one of the three terms, together with a descriptive prefix, is applied, e. g., Kenosha Summit, Dallas Divide, Cochetopa Pass.

"Summit" and "divide" are not as widely employed in this state as is "pass" because, although the terms are broadly similar, their meanings are in many respects quite distinct. For example, "summit" and "divide"

are not used at the crossing places of stream divides of the first magnitude, i. e., the Continental Divide, nor in the loftier mountain ranges such as the Sangre de Cristo, the Medicine Bows and the Elk mountains, which separate major streams of the eastern and western slopes. Moreover, these terms are largely employed at the places where railroads, rather than roads, at some time or other have crossed high divides.

The passes are, therefore, at considerable elevations and are confined generally to the more formidable mountain ranges which comprise the vast mountain empire of Colorado. Passes are identified by having a lower elevation than the crests of the ranges with which they are associated, and represent the easiest or most feasible ways over mountain ranges. Very important in this connection is the character of the valley approaches to the mountain depression from either side. Low elevations in the mountains may be of little or no service

for routes if the gradient of the mountain slopes defies the economical construction of road-beds up to them. It is for this reason that the passes of Colorado are found at the headwaters of tributary streams, whose valleys provided reasonably easy gradients to the summit.

As a result of this association, the majority of the passes bear the name of either one of the approaching streams; other names of passes are derived from surrounding physical features, such as mountains, and still others bear the name of some prominent figure in Colorado history. There are a large number of depressions in the mountain ranges which have never become passes because it has never been found feasible or necessary to construct routes over them.

There are 136 passes in Colorado, a number bearing eloquent testimony to the barrier-like effect of the Rockies, most of whose numerous mountain members have a north-south alignment—athwart the main lines of travel in western United States. Fifty-one of these passes have the distinction of being Continental Divide passes, but of this number only fourteen have any considerable present-day use, even during the summer season. In the winter time only Tennessee and Cochetopa passes are serviceable for automotive traffic. Berthoud pass is by all odds the most intensively used automobile highway, although it closes in December. Tennessee pass, with its transcontinental railway (the Denver and Rio Grande Western) as well as year-round automobile traffic, also deserves a high position among the state's renowned passes. Argentine pass is the state's highest pass, but Independence pass is the highest automobile highway pass in use today. Fall River pass is also an important pass at a high elevation, but this pass is not on the Continental Divide, though frequently confused with Milner pass, near it on the Divide. The lowest Continental Divide pass is Muddy pass in the Rabbit Ears range.

The tables published herewith present in summary form the more significant information relating to the passes of Colorado. Although probably not complete and perhaps incorrect in some details, the list represents the results of field, map and documentary study extending over a considerable period of time. In the accompanying tables, the passes are ar-

ranged in alphabetical order to aid the reader in finding any desired pass.

NOTE—This section has been prepared for the Year Book by Dr. Ralph H. Brown, Geographer, formerly of the University of Colorado but now on the staff of the Department of Geography of the University of Minnesota. Valuable aid has been given on many points by Dr. L. R. Hafen, Curator and Historian of the Colorado Historical society, and by the United States forest service. This material may be found in more comprehensive form in the November, 1929, issue of Colorado Magazine and in the University of Colorado Studies for 1930.

MOUNTAIN PASS HIGHWAYS

The rapid development of mountain highways in Colorado has made a large number of the passes well known to hundreds of thousands of travelers, there being 30 or more which are traveled regularly during the summer months. Practically all except the lowest are closed during the winter months, as they lie at altitudes where snowfall is heavy and the problem of keeping them open is a financial, if not a physical impossibility. The Colorado highways department spends thousands of dollars annually in an effort to keep the more important passes open as late as possible and to clear them of snow as early as possible in the spring. Likewise considerable money is being spent each year to develop adequate drainage, so that melting snows and the rains of early spring will do the least possible damage to the highways.

The following table lists, in the order of elevation, the passes most commonly known to visitors and to Colorado people who have occasion to cross the mountain ranges frequently:

Pass	Elevation
Independence	12,095
Fall River	11,797
Monarch	11,650
Hoosier	11,542
Hagerman	11,495
Fremont	11,320
Berthoud	11,315
Red Mountain	11,018
Wolf Creek	10,850
Milner	10,759
Los Pinos	10,500
Tennessee	10,424
Cameron	10,285
Cochetopa	10,032
Cumbres	10,003
La Manga	10,000
Molas Lake	10,000
Lizard Head	10,000
Squaw	9,807
Willow Creek	9,683
Rabbit Ears	9,680
La Veta	9,378
Trout Creek	9,346
Gore	9,000
Poncha	8,945
Muddy	8,772
Raton	8,560

ALTITUDE AND LOCATION OF MOUNTAIN PASSES
(Compiled by Dr. Ralph H. Brown, University of Minnesota)

Name of Pass	Counties	Name of Range	Elevation in Feet	Earliest Known Use	Character of Present Use
Altman or Alpine Tunnel	Chaffee-Gunnison	Sawatch Mountains	11,606	1888	Abandoned Railroad Tunnel
Antelope	Gilpin	Front	8,050	1900	Railroad
Anthraxite	Gunnison	Elk-West Elk	9,100*	1916	Trail
Arapahoe	Jackson-Grand	Park-Rabbit Ears		1870	Trail
Arapahoe	Boulder-Grand	Front	11,905	1900	Trail
Argentine	Clear Creek-Summit	Front	13,132	1872	Trail
Avalanche	Pitkin	Elk-West Elk	10,000*	1926	Trail
Baker	Jackson-Grand	Park-Rabbit Ears	11,300*	1905	Trail
Baxter	Garfield		9,500*		Trail
Beckwith	Gunnison	Elk-West Elk	9,890	1900	Trail
Berthoud	Clear Creek-Grand	Front	11,315	1861	Highway
Big Horn	Mineral	San Juan Group	12,000*		Trail
Blue Lake	Ouray	San Juan Group	11,000*	1917	Trail
Bonita	Rio Grande-Mineral	San Juan Group	12,000*		Trail
Boreas	Park-Summit	Front	11,489	1888	Railroad and Abandoned Road
Bottle	Grand	Front	9,800*	1880	Trail
Buchanan	Boulder-Grand	Front	12,304	1902	Trail
Buffalo	Routt-Jackson	Park-Rabbit Ears	10,180	1865	Trail
Buffalo	Park-Lake	Park-Mosquito	11,500*	1870	Trail
Cameron	Larimer-Jackson	Medicine Bow	10,285	1878	Highway
Cebolla	Hinsdale	San Juan Group	10,934		Trail
Cinnamon	Hinsdale-San Juan	San Juan Group	12,300	1878	Abandoned Road
Cochetopa (South)	Saguache	Cochetopa Hills	10,032	1820	Highway
Cochetopa (North)	Saguache	Cochetopa Hills	10,000*	1880	Trail
Columbine	La Plata	San Juan Group	12,600*	1902	Trail
Columbine	Montrose		8,500*		Trail
Comanche	Custer-Saguache	Sangre de Cristo-Culebra	10,500*		Trail
Cottonwood	Chaffee-Gunnison	Sawatch Mountains	12,000*	1887	Trail
Cucharas	Las Animas-Huerfano	Sangre de Cristo-Culebra	8,500*	1877	Road
Cumbres	Conejos	San Juan Group	10,003	1881	Highway
Curecanti	Gunnison	Elk-West Elk	10,000*		Trail
Currant Creek	Park		8,000*	1877	Road
Daisy	Gunnison	Elk-West Elk	11,200*	1910	Trail
Devil's Thumb	Boulder-Grand	Front	11,900		Trail
Eagle	La Plata	San Juan Group	10,750	1900	Trail
East Maroon	Gunnison-Pitkin	Elk-West Elk	12,200*		Trail
East River	Gunnison	Elk-West Elk	11,163	1880	Road
Elwood	Rio Grande	San Juan Group	12,000*		Trail
Fall River	Larimer	Front	11,797		Highway
Fawn Creek	Grand	Front	9,430		Railroad
Fremont	Lake-Summit	Front	11,320	1888	R. R. and Highway
Georgia	Park-Summit	Front	11,476	1860	Abandoned Road
Gore	Grand	Park-Rabbit Ears	9,000*		Highway
Gunshot	Grand	Park-Rabbit Ears	9,500*		Trail
Hagerman	Lake-Pitkin	Sawatch Mountains	11,495	1878	Highway in old R. R. Tunnel
Halfmoon	Saguache	Cochetopa Hills	12,712		Trail
Hancock	Chaffee-Gunnison	Sawatch Mountains	12,263	1888	Trail
Hayden	Fremont-Saguache	Sangre de Cristo-Culebra	10,780	1878	Trail
Hoosier	Park-Summit	Park-Rabbit Ears	11,542	1860	Highway
Hunchback	San Juan	San Juan Group	12,487	1880	Trail
Illinois	Jackson-Grand	Park-Rabbit Ears	10,000*		Trail
Imogene	Ouray-San Miguel	San Juan Group	13,116		Trail
Independence	Lake-Pitkin	Sawatch Mountains	12,095	1879	Highway
Indian Camp	Garfield		9,000*		Trail
Jones	Clear Creek-Grand	Front	12,453	1860	Trail
Kebler	Gunnison	Elk-West Elk	10,000*		Road
Lake Creek	Chaffee-Gunnison	Sawatch Mountains	12,226	1872	Trail
La Manga	Conejos	San Juan Group	10,000*		Highway
La Poudre	Grand-Larimer	Front	10,193	1900	Trail and Irrigation Ditch
La Veta	Costilla	Sangre de Cristo-Culebra	9,378	1877	Highway
Lizard Head	Dolores-San Miguel	San Juan Group	10,000*		R. R. and Highway
Los Pinos	Saguache	Cochetopa Hills	10,500*		Highway
Lou Creek	Gunnison-Ouray	San Juan Group	11,260	1912	Trail
Loveland	Clear Creek-Summit	Front	11,992	1888	Projected Highway
Lulu	Jackson-Grand	Park-Rabbit Ears	11,400*	1905	Trail
Manzanares Creek	Huerfano-Costilla	Sangre de Cristo-Culebra	9,000*	1880	{ Trail North Side { Road South Side
Marcellina	Gunnison	Elk-West Elk	10,400*		Road
Marshall	Saguache	Sawatch Mountains	10,950	1877	Railroad

* Approximate elevation in feet.

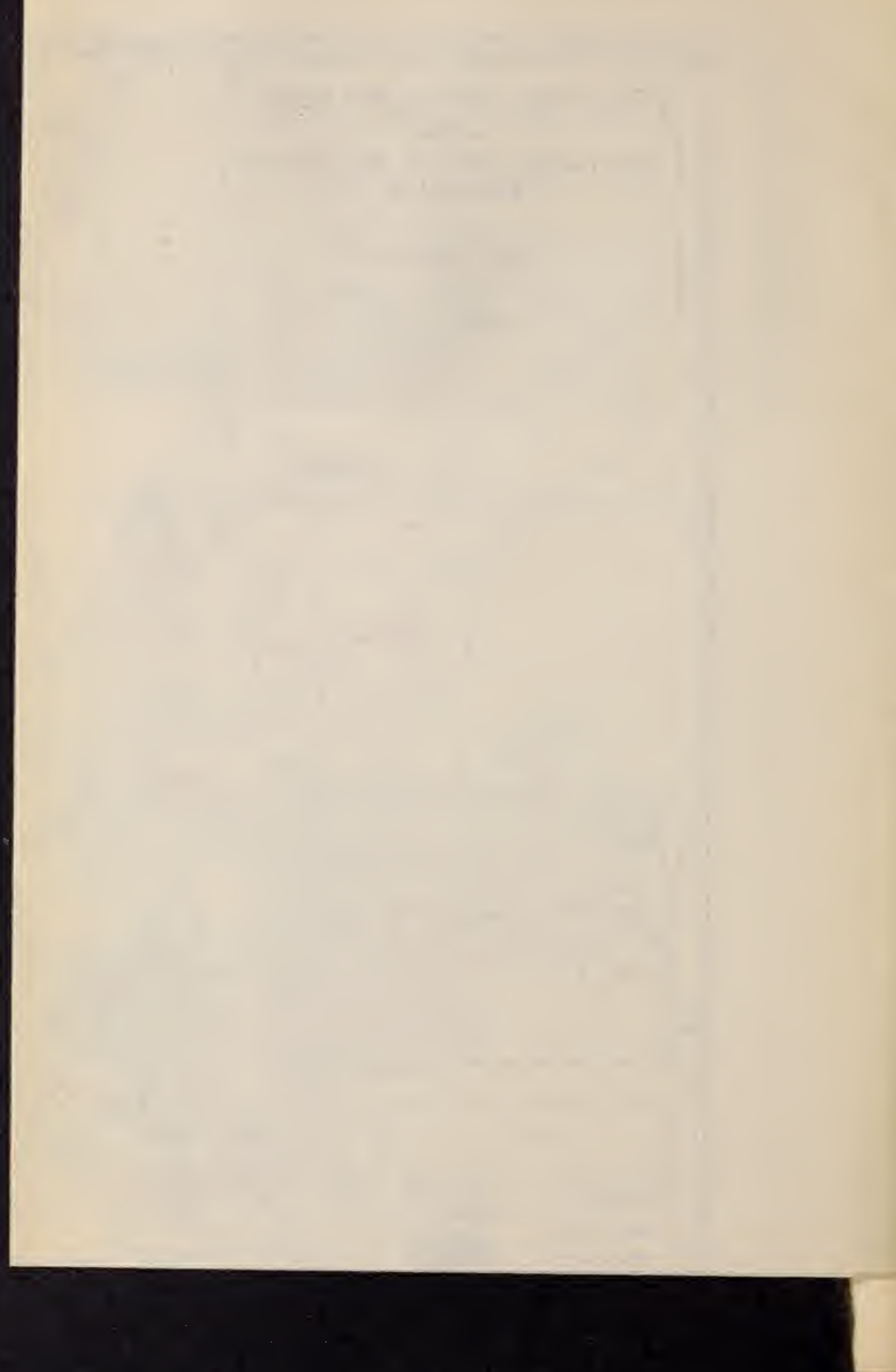
DISTRIBUTION OF GENERAL TAX IN COLORADO FOR 1930*
(From the Records of the State Tax Commission)

COUNTY	Assessed Valuation	Per Cent of Total Value of State	State Revenue	Per Cent of Total Tax of County	Per Cent of Total State Revenue	County Revenue	Per Cent of Total Tax of County	Town Revenue	Per Cent of Total Tax of County	School Revenue	Per Cent of Total Tax of County	Total County Tax	Per Cent of Total Property Tax of State
Adams	\$ 32,063,560	2.02	\$ 115,108.18	14.18	2.02	\$ 201,579.79	24.83	\$ 79,038.85	9.73	\$ 416,302.03	51.25	\$ 812,128.85	1.66
Alamosa	10,095,070	0.63	35,241.30	10.09	0.63	58,753.31	16.35	51,143.25	17.02	293,125.40	56.54	352,258.26	0.73
Arapahoe	23,971,995	1.51	86,052.46	11.41	1.51	135,921.21	18.03	93,116.14	13.01	433,891.68	57.55	759,988.39	1.53
Archuleta	4,723,143	0.30	15,955.08	15.26	0.30	35,659.73	31.97	9,039.71	8.11	49,896.05	44.72	111,551.67	0.23
Baca	14,318,800	0.90	51,404.49	12.11	0.90	105,102.31	25.00	25,515.00	6.27	240,321.94	56.52	424,443.74	0.86
Bent	13,759,870	0.87	49,397.93	13.71	0.87	107,325.99	29.78	23,221.80	5.44	180,478.58	50.07	350,425.40	0.73
Boulder	47,422,306	2.98	170,245.08	12.35	2.98	299,234.75	21.71	204,212.75	14.82	704,704.04	51.12	1,378,397.62	2.80
Chaffee	9,872,589	0.62	35,441.88	10.74	0.62	111,557.99	33.81	48,422.58	14.58	134,523.01	40.77	329,945.46	0.67
Cheyenne	13,862,418	0.87	49,765.08	19.95	0.87	36,735.41	14.72	10,745.61	4.31	152,238.36	51.02	249,485.45	0.61
Clear Creek	5,452,455	0.34	19,574.31	12.59	0.34	56,705.53	36.49	22,218.41	14.33	55,919.38	35.52	155,417.63	0.31
Conejos	9,197,160	0.58	33,017.90	10.80	0.58	91,971.50	30.07	15,824.55	5.50	164,019.03	53.63	305,827.98	0.62
Costilla	5,293,410	0.33	19,003.34	9.41	0.33	74,107.74	35.70	2,573.14	1.32	106,159.37	52.57	201,943.59	0.41
Crowley	9,802,780	0.62	55,191.98	13.51	0.62	35,780.15	13.73	25,516.15	9.83	164,050.25	62.94	260,648.53	0.53
Custer	3,074,735	0.19	11,038.30	13.04	0.19	30,747.35	35.31	3,160.93	3.73	39,723.68	45.92	84,670.26	0.17
Delta	14,690,545	0.92	52,739.05	8.90	0.92	188,526.50	31.85	54,351.19	9.18	296,595.22	60.07	592,322.06	1.20
Denver	464,482,500	29.20	1,657,492.18	11.10	29.20	2,213,259.11	14.73	4,735,399.08	31.51	6,409,858.50	42.65	†15,025,008.87	30.54
Dolores	1,897,958	0.12	6,777.77	9.45	0.12	35,625.38	51.09	2,238.73	3.12	26,050.38	36.34	71,693.26	0.15
Douglas	11,829,775	0.74	42,468.89	18.54	0.74	72,161.63	31.50	10,495.80	4.58	103,981.33	45.38	229,107.55	0.47
Eagle	8,058,056	0.51	28,928.42	11.91	0.51	93,473.45	38.49	11,830.44	4.87	108,549.40	44.73	242,881.71	0.49
Elbert	16,482,668	1.04	59,172.78	16.53	1.04	83,484.71	23.33	7,845.34	2.19	207,382.41	57.95	357,886.74	0.73
El Paso	75,588,010	4.75	271,350.95	10.73	4.75	359,043.04	14.19	596,778.19	23.59	1,302,336.89	51.49	2,529,519.08	5.14
Fremont	22,873,337	1.44	82,117.15	11.02	1.44	135,413.23	18.17	113,356.76	15.21	414,387.55	55.60	745,274.59	1.51
Garfield	18,285,280	1.15	55,644.16	10.35	1.15	201,138.08	31.70	70,634.44	11.13	297,128.41	46.82	634,646.09	1.29
Gilpin	3,208,733	0.20	11,519.35	11.95	0.20	41,713.53	43.28	10,262.53	10.65	32,883.84	34.12	96,379.25	0.20
Grand	6,884,270	0.43	24,714.53	18.25	0.43	55,383.95	40.93	6,759.18	4.99	48,453.90	35.82	136,321.55	0.28
Gunnison	15,661,555	0.98	55,225.01	15.01	0.98	135,882.08	35.54	31,363.05	8.37	150,172.42	40.08	374,642.56	0.75
Hinsdale	1,170,628	0.07	4,202.25	9.45	0.07	22,241.93	50.08	2,124.54	4.78	15,846.09	35.68	44,414.91	0.09
Huerfano	16,069,091	1.01	57,688.01	9.93	1.01	181,580.72	31.26	45,601.02	7.85	295,987.29	50.95	580,857.07	1.18
Jackson	3,690,870	0.23	13,250.22	22.59	0.23	15,239.83	27.62	3,350.88	5.72	25,809.80	44.01	58,650.73	0.12
Jefferson	28,625,045	1.80	102,757.50	12.88	1.80	203,531.18	26.51	58,935.64	7.33	432,712.94	54.22	797,948.15	1.62
Kiowa	13,018,460	0.82	45,736.27	21.04	0.82	18,365.03	8.26	8,834.90	3.98	148,243.58	66.72	222,170.78	0.45
Kit Carson	21,126,843	1.33	75,845.37	13.45	1.33	128,662.47	22.82	49,552.55	8.79	309,779.97	54.94	563,840.47	1.16
Lake	7,530,705	0.47	27,035.23	9.85	0.47	87,431.48	31.88	56,991.03	20.78	102,757.15	37.48	274,214.89	0.55
La Plata	16,350,006	0.97	55,142.42	10.24	0.97	144,230.44	25.79	52,984.33	11.70	276,026.32	51.27	538,383.51	1.09
Larimer	52,101,980	3.28	187,045.11	11.68	3.28	437,135.51	27.29	258,918.23	16.16	718,773.17	44.87	1,601,873.12	3.25
Las Animas	42,016,901	2.64	150,840.59	10.60	2.64	305,723.38	21.55	195,897.57	13.75	769,812.75	54.09	1,423,274.49	2.89
Lincoln	18,383,215	1.15	56,995.74	13.79	1.15	104,232.83	21.76	24,475.97	5.12	283,837.72	59.31	478,542.25	0.96
Logan	36,588,130	2.30	131,351.39	12.30	2.30	231,054.04	21.64	135,555.75	12.81	558,564.26	53.25	1,067,625.45	2.17
Mesa	30,755,190	1.93	110,411.13	10.53	1.93	215,286.33	20.64	159,940.24	16.22	552,511.23	52.71	1,048,148.93	2.13
Mineral	1,667,299	0.10	6,986.50	16.84	0.10	14,456.45	40.57	4,251.62	11.99	10,837.44	30.50	35,540.14	0.07
Moffat	7,304,600	0.45	26,223.51	10.51	0.45	96,785.95	38.78	20,003.88	8.01	106,558.58	42.70	249,571.92	0.61
Montezuma	6,221,605	0.39	22,335.56	9.27	0.39	84,800.48	36.20	19,615.44	8.14	114,189.44	47.39	240,941.92	0.49
Montrose	12,057,750	0.76	43,287.32	9.18	0.75	145,850.54	30.94	50,559.58	10.75	231,552.18	49.13	471,389.62	0.96
Morgan	27,748,752	1.74	99,618.02	12.47	1.74	193,381.06	24.21	67,833.74	8.49	438,004.00	54.83	798,835.81	1.52
Otero	32,087,646	2.02	115,194.64	12.32	2.02	158,833.84	16.99	151,334.08	16.19	609,648.95	54.50	935,011.52	1.90
Ouray	4,092,453	0.26	14,691.91	11.43	0.26	55,657.36	43.31	12,809.53	9.97	46,364.81	35.30	128,523.61	0.26
Park	8,707,710	0.65	31,260.68	23.48	0.55	41,797.01	31.40	2,684.67	2.02	57,389.29	43.10	133,131.65	0.27
Phillips	15,414,635	0.97	55,338.54	16.90	0.97	75,840.00	23.16	22,789.92	6.96	173,444.28	52.98	327,412.74	0.67
Pitkin	3,773,985	0.24	13,548.61	11.01	0.24	60,383.79	49.06	13,187.24	10.71	35,968.31	29.22	123,087.92	0.25
Prowers	21,788,035	1.37	78,219.05	12.38	1.37	152,952.00	24.21	59,054.24	9.35	341,473.01	64.06	631,698.30	1.28
Pueblo	82,824,353	5.21	297,339.43	9.63	5.21	369,396.62	11.97	†969,821.57	31.43	1,449,385.55	46.97	3,086,943.17	6.27
Rio Blanco	5,793,850	0.36	20,799.92	12.67	0.36	63,071.67	32.06	14,167.75	8.56	77,477.24	46.81	166,616.68	0.34
Rio Grande	10,893,956	0.68	39,109.30	9.10	0.68	84,428.16	19.65	39,046.04	9.09	257,046.87	62.16	429,630.37	0.87
Routt	16,839,880	1.06	60,456.17	12.40	1.06	133,377.04	27.46	44,857.52	9.20	248,260.84	50.94	487,450.57	0.99
Saguache	10,584,427	0.67	37,998.09	13.62	0.67	78,324.76	28.07	12,288.97	4.40	150,373.50	53.91	278,985.32	0.57
San Juan	3,796,488	0.24	13,629.39	12.30	0.24	48,974.70	44.21	10,183.91	9.19	38,002.85	34.30	110,790.85	0.23
San Miguel	4,638,715	0.29	16,552.99	10.41	0.29	62,205.17	38.86	11,127.12	6.95	70,075.15	43.78	160,060.43	0.33
Sedgwick	12,968,138	0.82	46,555.61	13.60	0.82	78,467.23	22.91	36,176.75	10.57	191,209.51	52.92	342,399.10	0.70
Summit	4,481,396	0.28	16,088.21	14.28	0.28	46,494.48	41.26	6,516.33	5.78	43,581.57	38.68	112,680.59	0.23
Teller	5,002,390	0.31	17,958.58	8.52	0.31	66,531.31	31.10	45,121.91	21.41	82,107.15	38.97	210,718.95	0.43
Washington	15,921,474	1.00	67,158.09	12.06	1.00	117,818.91	24.86	18,461.71	3.90	280,475.74	59.18	473,914.45	0.96
Weld	102,176,120	6.42	366,812.27	11.71	6.42	662,101.26	21.13	327,393.44	10.45	1,776,429.48	66.71	3,132,736.46	6.37
Yuma	24,607,070	1.56	88,339.38	14.32	1.56	110,731.81	17.94	37,446.79	6.07	380,558.54	61.67	617,077.62	1.25
State	\$1,590,674,097	100.00	\$5,710,519.69	11.61	100.00	\$10,088,346.61	20.50	\$9,363,494.72	19.01	\$24,064,356.71	48.86	\$49,206,716.53	100.00

*From County Treasurers' Annual Statements.

†Includes mountain park districts.

‡Includes water and park districts.



ALTITUDE AND LOCATION OF MOUNTAIN PASSES—Continued

Name of Pass	Counties	Name of Range	Elevation in Feet	Earliest Known Use	Character of Present Use
McClure	Gunnison-Pitkin	Elk	9,500*	---	Trail
Meadows	Rio Grande	San Juan Group	10,300	---	Trail
Medano	Huerfano-Saguache	Sangre de Cristo- Culebra	10,150	1850	Trail
Milner	Grand-Larimer	Front	10,759	1900	Highway
Minnesota	Gunnison	Elk-West Elk	10,000*	---	Trail
Molas Lake	San Juan	San Juan Group	10,000*	---	Highway
Monarch	Chaffee-Gunnison	Sawatch Mountains	11,650	1880	Highway
Monument	Gunnison	San Juan Group	11,000*	---	Trail
Mosca	Huerfano-Saguache	Sangre de Cristo- Culebra	9,713	1850	(Road East Side) Trail West Side
Mosquito	Park-Lake	Park-Mosquito	13,188	1875	Abandoned Road
Muddy	Jackson-Grand	Park-Rabbit Ears	8,772	1875	Highway
Mummy	Larimer	Front	11,700*	---	Trail
Music	Huerfano-Saguache	Sangre de Cristo- Culebra	11,800	1878	Trail
North Cochetopa	Saguache	Cochetopa Hills	10,000*	1880	Trail
Ohio	Gunnison	Elk-West Elk	10,033	1900	Trail
Ophir	San Juan-San Miguel	San Juan Group	11,350	1888	Trail
Owl Creek	Gunnison-Ouray	San Juan Group	11,120	1919	Trail
Pass Creek	Huerfano	Sangre de Cristo- Culebra	9,200*	1850	Road
Pearl	Gunnison-Pitkin	Elk-West Elk	12,715*	1890	Trail
Poncha	Chaffee-Saguache	Sangre de Cristo- Culebra	8,945	Before 1800	Highway
Ptarmigan	Grand	Park-Rabbit Ears	11,000*	---	Trail
Rabbit Ears	Jackson-Routt-Grand	Park-Rabbit Ears	9,680	1895	Highway
Railroad	Mineral	San Juan Group	12,000*	---	Trail
Raton	Las Animas	Front	8,560	1846	Highway and R. R.
Red Mountain	Ouray-San Juan	San Juan Group	11,018	1881	Highway
Rogers	Gilpin-Grand	Front	11,900*	1902	Trail
Rollins	Boulder-Grand	Front	11,680	1860	Trail and Railroad
Sand Creek	Larimer	Medicine Bow	9,000*	---	Passable Road
San Francisco	Las Animas	Front	8,600*	---	Trail
San Francisco	Las Animas	Sangre de Cristo- Culebra	8,560	---	Trail
Sangre de Cristo	Costilla	Sangre de Cristo- Culebra	9,459	Before 1800	Abandoned Road
Schofield	Gunnison	Elk-West Elk	10,000*	1885	Road
Scotch Creek	Dolores-San Miguel	San Juan Group	10,500*	---	Abandoned Road
Silver	Mineral	San Juan Group	12,000*	---	Trail
Skull Creek	Moffat	Front	8,700*	---	Road
Spring Creek	Hinsdale	San Juan Group	11,025	1878	Road
Squaw	Clear Creek	Front	9,807	---	Highway
Stillwater	Grand	Park-Rabbit Ears	10,000*	---	Trail
St. Louis	Grand	Front	11,500*	---	Trail
Stony	San Juan	San Juan Group	12,594	1878	Trail
Summit	Rio Grande	San Juan Group	12,000*	---	Trail
Swampy	Gunnison	Elk-West Elk	10,365	1900	Trail
Tarryall	Park	Front	12,456	---	Road
Taylor	Gunnison	Elk-West Elk	12,500*	---	Trail
Taylor	Gunnison-Pitkin	Elk-West Elk	12,400*	1882	Trail
Tennessee	Lake-Eagle	Front	10,424	1873	R. R. and Highway
Lincep	Chaffee-Gunnison	Sawatch Mountains	12,000*	1880	Trail
Trimble	La Plata	San Juan Group	13,076	1902	Trail
Troublesome	Jackson-Grand	Park-Rabbit Ears	10,000*	---	Trail
Trout Creek	Park-Chaffee	Park-Mosquito	9,346	1875	Highway
Twin Creek	Teller	Front	8,200*	---	Road
Ute	Teller	Front	7,600	Before 1800	Road
Ute	Routt-Jackson	Park-Rabbit Ears	11,100*	1875	Trail
Ute	Grand	Front	9,800*	1880	Trail
Ute	Larimer-Jackson	Medicine Bow	10,500*	1878	Trail
Vasquez	Clear Creek-Grand	Front	11,850*	1862	Trail
Venable	Duster-Saguache	Sangre de Cristo- Culebra	10,500*	---	Trail
Veta	Costilla	Sangre de Cristo- Culebra	9,100*	1880	Railroad
Victor	Teller	Front	10,202	---	Railroad
Warm Springs	Park	Park-Mosquito	---	1910	Trail
Webster	Park-Summit	Front	12,102	1900	Trail
Weminuche	Hinsdale	San Juan Group	10,622	---	Trail
West Maroon	Gunnison-Pitkin	Elk-West Elk	12,400*	---	Trail
Weston	Park-Lake	Park-Mosquito	12,109	1875	Abandoned Road
Willow Creek	Jackson-Grand	Park-Rabbit Ears	9,683	1878	Highway
Wolf Creek	Mineral-Archuleta	San Juan Group	10,850	1888	Highway
Yellowjacket	La Plata	Front	8,000*	1915	Trail
Yellowjacket	Rio Blanco	Front	7,400*	1877	Road
Yellowjacket	Routt	Front	7,500*	---	Road

* Approximate elevation in feet.

Homestead Lands

THE United States government had 8,027,468 acres of unappropriated and unreserved land within the boundaries of Colorado on July 1, 1930, subject to entry under homestead and other public land laws. Of that area, 6,825,425 acres was surveyed and 1,202,043 acres unsurveyed. The total area of unreserved public land was 191,407 acres smaller than on the same date in 1929, the decrease being due to an increase in the area embraced in original entries during the fiscal year and a smaller number of cancellations through relinquishments and expiration of the statutory periods. The increase in areas appropriated is not confined to Colorado, nor to any particular section of the country and to no one law, but has been general throughout the public land states since 1926.

Exclusive of this vacant land, there was 2,189,047 acres upon which entries had been made, but upon which final proof of compliance with the law had not been presented. Such of these entries as may from time to time be cancelled for failure to submit final proof or for failure to comply with the law will be open to entry by the first qualified applicant, if not withdrawn or reserved, but until there is a forfeiture of the land upon which final proof has not been made, it is not subject to entry by any other than the pending applicant.

The unappropriated and unreserved land is open for entry under various classes of filings, including homestead, soldiers' and sailors' homestead rights, desert entry, timber and stone and other classifications. All of this land is administered by the general land office of the department of the interior, and contact with the public is through the district land offices, to which all applications should be made. The district land offices furnish general information to the public upon application.

There are several classes of entries by which public lands may be taken, but those most generally used are the ordinary 160-acre agricultural homestead entry; the enlarged homestead entry; the desert land entry; the stock-growing, or 640-acre entry, and timber and stone entries. These various classes of public land filings are described in detail in a series of

pamphlets published by the Interior Department under direction of the General Land Office, and can be secured from the register of the nearest public land office. The pamphlet most frequently used by those in search of public lands is known as Circular No. 541, entitled "Suggestions to Homesteaders and Persons Desiring to Make Homestead Entries."

Entrymen on public lands must remember that not in all cases does the subsurface title pass to the entryman with the surface title. Under various reservations, withdrawals and classifications coal, oil, gas and other non-metal deposits frequently are reserved to the government and the entryman secures only surface title. This is particularly true of oil and gas, which are governed largely by the mineral leasing acts of 1914 and 1920. It is practically impossible at present to secure title to such deposits by taking advantage of the public land entries provided by law, such deposits being subject to special leasing acts. Entrymen desirous of securing such mineral titles should consult officials of the Land Office or others who are in a position to advise them.

Some of the unappropriated land is classed as agricultural, but most of it is chiefly valuable for grazing and mineral purposes, and includes large areas in the mountainous districts that lie at elevations of 7,000 feet or more above sea level. Small tracts suitable for farming may be found in the mountain counties, but practically all the land of value for this purpose that lies within a reasonable distance of a railroad has been filed upon. The land that lies in the counties east of the mountains is mostly in small tracts, below the size of a government homestead, or remote from a railroad. The rainfall in some sections is too light for practical farming without irrigation.

It should be borne in mind by prospective settlers who are looking to the government domain as a possible location that the land has been combed by homeseekers for many years and that in most cases that most suited to farming has been filed upon long since. It must also be recognized that the task of subduing raw land and making it productive is one which seldom can be accomplished

without some money and some acquaintance with the locality and its farming problems. Newcomers in the state are urged to use care and judgment in selecting homestead land and are advised that it is far better to spend time in investigating the various tracts still open to settlement than to jump to conclusions and select a tract which later may be found to be unfit for farming or to be too remote from railroads and markets to make farming a financial success.

Entries upon the public domain have been decreasing steadily in recent years, due to the prior acquisition of the more desirable tracts by settlers, until the last two years, in which increases have been reported. Public and Indian lands entered in the fiscal year ending June 30, for the past nine years, in acres, were as follows:

1922	1,258,989
1923	892,124
1924	605,390
1925	417,225
1926	357,464
1927	426,780
1928	345,925
1929	421,000
1930	520,705

There are two district land offices in Colorado, located at Denver and Pueblo, both of which are in the government postoffice buildings. Unappropriated and unreserved land open to entry on July 1, 1930, classified by counties under the two district offices, is shown in an accompanying table. The surveyed land only is open to entry. The quantity of unsurveyed land in any county may be determined by subtracting the surveyed from the total.

Land District and County	Area in Acres	
	Surveyed	Total
Denver:		
Boulder	6,480	6,880
Chaffee	85,870	85,870
Clear Creek	5,562	17,162
Delta	143,714	145,314
Dolores	28,110	28,110
Douglas	360	360
Eagle	125,923	127,923
Elbert	160	160

Land District and County	Area in Acres	
	Surveyed	Total
Fremont	28,920	28,920
Garfield	431,092	583,862
Gilpin	1,371	4,851
Grand	100,173	100,173
Gunnison	366,464	450,904
Hinsdale	85,940	101,940
Jackson	183,208	183,208
Jefferson	1,120	1,120
Lake	15,800	28,600
Larimer	25,145	25,145
Logan	2,000	2,000
Mesa	621,273	775,563
Moffat	1,233,106	1,454,506
Montrose	487,780	547,509
Morgan	1,480	1,480
Ouray	21,780	21,780
Park	57,598	68,598
Pitkin	10,927	14,927
Rio Blanco	841,340	1,077,040
Routt	58,653	60,353
Saguache	92,080	92,080
San Miguel	258,210	303,950
Sedgwick	80	80
Summit	13,960	13,960
Teller	1,440	1,440
Washington	1,209	1,200
Weld	4,040	4,040
Yuma	1,480	1,480
Total	5,343,839	6,362,479

Pueblo:		
Alamosa	53,117	53,117
Archuleta	93,962	103,090
Baca	802	802
Bent	4,927	4,927
Chaffee	1,121	1,121
Cheyenne	516	516
Conejos	254,145	254,145
Crowley	1,080	1,080
Custer	14,842	14,842
Dolores	20,951	27,351
Elbert	160	160
El Paso	804	804
Fremont	274,037	340,484
Hinsdale	9,300	9,300
Huerfano	55,039	55,039
Kiowa	1,420	1,420
Kit Carson	544	544
La Plata	142,743	156,783
Las Animas	38,939	38,939
Lincoln	1,638	1,638
Montezuma	183,387	215,452
Otero	3,600	3,600
Prowers	1,185	1,185
Pueblo	14,327	14,327
Rio Grande	76,107	76,107
Saguache	207,813	207,813
San Juan	46,023	46,023
Teller	34,380	34,380
Total	1,481,586	1,664,989
State total	6,825,425	8,027,468

State or School Lands

WHAT is popularly known as state land in Colorado and other western public land states comprises the various areas turned over by the federal government to the state governments under general acts of congress and sundry special statutory grants, to be administered for the particular state interests in those states for

which the grants were made. The most important of these grants were made under an act of congress passed in 1875, the year before Colorado became a state, by which the United States gave to each of the public land states an amount of land equal to one-eighteenth of the area of the state, for the benefit of the public schools. This

is known as school land and quite generally in public land states all state land is referred to as school land, though various grants were made to the states for purposes in no way connected with the schools.

The original school land grant gave to the state sections 16 and 36 in every township. As there were large Indian reservations and extensive private land holdings in Colorado at the time the grant was made, the state was permitted to select other public lands in lieu of those within these reservations and public holdings. As a result, the state acquired large blocks of land in various localities, sometimes almost entire townships. When the national forests were created the state also exchanged considerable areas of state land within the forest boundaries for government land in other localities. The area of state or school lands in each county is shown in the table between pages 12 and 13 in this volume.

After these exchanges and adjustments had been made, the status of state land on November 30, 1930, including all classes of grants, was as follows:

	Acres
Original grants.....	4,500,686
Land sold.....	1,424,116
Net remaining.....	3,076,570
Land leased*.....	2,544,544
Vacant land.....	532,026
Total	3,076,570

*For agricultural and grazing purposes.

State land sold from the time of the transfer from the federal government down to December 1, 1930, aggregated 1,678,490 acres, of which 254,374 acres reverted to the state through the cancellation of purchase certificates, leaving a net of 1,424,116 acres. The record period was in the two years ending December 1, 1910, when a total of 287,341 acres was sold. A decline followed until the period of the world war, when again there was a heavy demand for agricultural land. In 1917-1918 the sales increased to 224,006 acres and then declined in the following biennial period to 156,502 acres. The general depression throughout the country in 1921 and 1922 was reflected in a drop in sales to 35,754 acres in those years. The adverse conditions continued during 1923 and 1924, when the minimum was reached. Since then there has been a gradual improvement as reflect-

ed in the following table of sales in biennial periods:

	Acres
1923-1924	10,346
1925-1926	21,384
1927-1928	25,513
1929-1930	99,136

The average price per acre of land sold in 1929-1930 was \$10.96, which compares with \$15.33 in 1927-1928, \$13.28 in 1925-1926 and \$12.62 in 1923-1924. The maximum average per acre was \$21.38 in 1919-1920, and the minimum was \$4.35 in 1899-1900.

An accompanying table shows the acreage in the original grants after adjustments and exchanges were made, the purposes for which the grants were made, the acreage sold out of each, the net acreage remaining, and the acreage under lease for agricultural and grazing purposes on November 30, 1930.

A summary of the acreage under lease at the end of the last fiscal year is as follows:

	Acres
Agriculture and grazing.....	2,544,544
Mineral	1,222
Clays, limestone, etc.....	2,774
Oil and gas.....	516,711
Coal	15,774

The state reserves the mineral rights under all land sold and leases for coal, oil, gas and minerals listed above are in part upon land reported sold for agricultural purposes.

Acres of state land under lease for oil and gas at the end of biennial periods on November 30 of years named and rentals and royalties paid were as follows:

Year	Acres	Rentals and Royalties
1924	506,386	\$ 52,653
1926	219,398	38,756
1928	207,854	38,607
1930	516,710	103,294

Acres leased for coal at the end of biennial periods and income received therefrom during the period were as follows:

Year	Acres	Income
1918	13,469	\$190,663
1920	13,634	174,113
1922	17,114	141,306
1924	13,948	171,112
1926	14,034	215,231
1928	17,814	188,723
1930	15,774	197,916

Receipts of the land board from all sources, including sales of land, rentals and royalties, interest, etc., for biennial periods ending November 30 of the years named, were as follows:

Year	Amount
1914	\$1,364,764
1916	1,788,430
1918	2,509,238
1920	3,160,643
1922	2,053,990
1924	1,308,170
1926	2,275,575
1928	1,912,417
1930	1,895,065

The terms of the grants from the government provide that funds derived from the sale of land shall go into permanent funds and only the interest and the revenues derived from the administration of the unsold land shall be used for the benefit of the schools or special interests for which the grants were made. These permanent funds are mostly invested in interest-bearing securities. The amounts in the various funds on November 30, 1930, were as follows:

Public school.....	\$10,284,787
Internal improvement.....	78
Agricultural college.....	445,598
University	88,692
Penitentiary	1,499
Public building.....	812
Saline	961
Total	\$10,822,427

The income from these funds is deposited with the state treasurer and on the first of January and July of each year the amount is apportioned to the various counties of the state according to the law. For the biennial period ending November 30, 1930, these transactions were as follows:

Reported by treasurer.....	\$1,631,566
Deducted for teachers' minimum salaries.....	283,489
Total apportionment.....	1,348,361
Deducted for blanks	20,399
Withheld acct. high school tuition	38,112
Distribution to counties.....	1,289,850

On November 30, 1930, the amounts in the income funds were as follows:

Public school.....	\$385,118
Internal improvement.....	95
Agricultural college.....	22,476
University	1,969
Public building.....	1,246
Saline	15,172
Penitentiary	1,785
Total	\$427,861

State land, which is administered by the state board of land commissioners, is leased and sold under regulations made by the board, which may be obtained from that body upon application. Leases are made for grazing purposes, for agriculture and for exploration for oil, gas, minerals, coal, clay, etc. Before any state land can be sold it must be appraised by representatives of the board and the applicant must agree to pay the price fixed by the appraiser. The land is

then sold at public auction, selling at or above the appraised price, the minimum legal price being \$3.50 per acre. The terms upon which state land may be purchased are very liberal. Ten per cent of the purchase price is payable in cash and the remainder is payable in installments extending over a period of 33 years. Leases are made in much the same way, minimum prices being fixed at which state land may be leased for various purposes.

Of the 3,076,570 acres of state land in Colorado, approximately 473,692 acres is coal land, according to estimates, made by the mineral superintendent of the state land board. This is the most valuable asset owned by the state, practically all of which was granted to Colorado by the federal government for the benefit of the public school system. The value of this land is estimated at approximately \$100,000,000. It is distributed through nearly every coal-bearing district in the state as follows:

Canon City District	Acres
Fremont county.....	1,960
Northern Coal Fields	
Adams county.....	9,600
Arapahoe county.....	9,080
Boulder county.....	760
Denver county.....	1,920
Douglas county.....	13,180
Elbert county.....	30,020
El Paso county.....	44,700
Jefferson county.....	1,820
Weld county.....	75,560
Southern Coal Fields	
Huerfano county.....	11,400
Las Animas county.....	33,360
Yampa Coal Fields	
Moffat county.....	120,400
Routt county.....	69,720
Miscellaneous	
Archuleta county.....	732
Grand county.....	2,960
Gunnison county.....	3,440
Jackson county.....	25,080
La Plata county.....	9,960
Montezuma county.....	4,160
Park county.....	3,880

Total coal area.....473,692

The estimates of the acreage and distribution of state coal lands are based on the reports of the United States geological survey. It is assumed that a very large percentage of the coal acreage will not be found to contain workable coal, and the estimates of value are based on this assumption. Government appraisers have placed the value of public coal land in Colorado at from \$100 to \$400 per acre, depending on the character of the deposits and their accessibility. The value of state coal land has been estimated at a little more than \$200 per acre, which is generally conceded to be very conservative.

STATUS OF VARIOUS LAND GRANTS, 1930
(From Records of State Board of Land Commissioners)

GRANT	Acres original grant	Acres sold	Net acres remaining	Acres under lease*
School	3,753,813	928,326	2,825,487	2,338,981
Agricultural college	90,000	57,049	32,951	29,307
Internal improvement	499,790	341,605	158,185	134,500
Penitentiary	31,985	22,688	9,297	7,239
Public building	31,905	27,191	4,713	3,878
Saline	18,830	5,371	13,459	13,459
Reformatory	520	-----	520	-----
University	45,843	36,793	9,051	3,263
General fund	28,000	5,093	22,907	13,917
Total	4,500,686	1,424,116	3,076,570	2,544,544

*Includes some duplication, where surface and mineral leases exist on same areas.

National Forests

(By the United States Forest Service)

A LARGE portion of the mountainous area of Colorado is valuable primarily as forest land. Most of this rugged country, along both slopes of the Continental Divide, and extending irregularly along spurs east and west therefrom, is in national forests, which are under the supervision of the United States forest service. These forests are administrative units which have been established for ease in handling, based mainly upon topographic and watershed features. There are 14 forests wholly in the state, and one other, the La Sal, which lies partially within its boundaries. The San Isabel, with 613,652 acres, is the smallest national forest in the state, while the San Juan, with 1,244,925 acres, is the largest. The forests average a little less than 1,000,000 acres each in area, or in all, 13,330,832 acres.

These forests, together with four east of the Continental Divide in Wyoming, those in South Dakota, Nebraska, and Oklahoma, 22 in all, make up the Rocky Mountain Region of the forest service. Colonel Allen S. Peck is regional forester, with headquarters in the Postoffice building, Denver. Assistant regional foresters are in charge of branches of operation, including fire protection, forest management, range management, lands and public relations. A regional engineer and a fiscal agent complete the organization immediately under the regional forester. There are about 150 forest officers in the state, including those in the regional office in Denver.

As far as possible, these timber lands are handled as local industries. Although they are a part of an exten-

sive system comprising 150 national forests scattered through 29 states, Porto Rico and Alaska, and although the forest service, as a part of the United States department of agriculture, has its headquarters in Washington, its organization is decentralized to such an extent that local officials handle most of the business with users and purchasers on the ground.

The forests in Colorado comprise a little more than 8 per cent in area of the 160,090,817 acres of national forest land in the United States. The first "reserve" was created by President Harrison in 1891 in Wyoming, and was known as the Yellowstone Park timberland reserve. This and all others set aside until 1907, were known as "reserves." Beginning in that year, however, they were all designated officially as national forests, in which timber was to be grown and utilized instead of reserved. This was an important step in the development of the present system. The accompanying table gives the name of each national forest wholly or partly in this state, and the headquarters of the supervisor.

National Forest	Headquarters
Arapaho.....	Hot Sulphur Springs
Cochetopa	Salida
Colorado	Fort Collins
Grand Mesa	Grand Junction
Gunnison	Gunnison
Holy Cross.....	Glenwood Springs
*La Sal.....	Moab, Utah
Montezuma	Mancos
Pike.....	Colorado Springs
Rio Grande.....	Monte Vista
Routt.....	Steamboat Springs
San Isabel.....	Pueblo
San Juan.....	Durango
Uncompahgre	Delta
White River.....	Glenwood Springs

*Lies principally in Utah.

The boundaries of these mountainous tracts are very irregular. Most of the forests lie in two or more counties, while some of them are made up of two or more separated tracts. The location of the various national forests wholly or partly in the state by counties is as follows:

Forest	Counties
Arapaho:	Eagle, Grand, Jackson, Summit.
Cochetopa:	Chaffee, Gunnison, Lake, Park, Saguache.
Colorado:	Boulder, Gilpin, Jefferson, Larimer.
Grand Mesa:	Delta, Garfield, Gunnison, Mesa.
Gunnison:	Delta, Gunnison, Hinsdale, Montrose, Saguache.
Holy Cross:	Eagle, Garfield, Gunnison, Pitkin.
Montezuma:	Dolores, La Plata, Montezuma, San Miguel.
Pike:	Clear Creek, Douglas, El Paso, Jefferson, Park, Teller.
Rio Grande:	Archuleta, Conejos, Hinsdale, La Plata, Mineral, Rio Grande, Saguache, San Juan.
Routt:	Grand, Jackson, Routt, Moffat.
San Isabel:	Alamosa, Chaffee, Custer, Fremont, Huerfano, Las Animas, Pueblo, Saguache.
San Juan:	Archuleta, Conejos, Hinsdale, La Plata, Mineral, Rio Grande, San Juan.
Uncompahgre:	Gunnison, Hinsdale, Mesa, Montrose, Ouray, San Juan, San Miguel.
White River:	Eagle, Garfield, Moffat, Rio Blanco, Routt.
La Sal:	Mesa, Montrose.

The national forests are administered by the secretary of the department of agriculture through an official authorized by act of congress and known as the forester. The secretary of agriculture is authorized by act of congress to issue from time to time regulations governing the use and occupancy of national forest lands and the use of timber and other national forest resources.

The national forests were created primarily for the production of timber and the protection of the watersheds which supply municipalities and irrigation enterprises with their liquid gold. There are other important uses, such as grazing and recreation, which must be coordinated with the growing of timber in such a way that each will occupy its proper place.

Timber—The timber within the national forests of Colorado is estimated at 31,560,665,000 board feet. The annual growth which these forests are capable of producing is from 400,000,000 to 500,000,000 board feet, or in volume, more than the timber demand of Colorado's present population.

The annual cut of timber from these national forests varies from sixty to seventy million board feet. In 1930 it amounted to 60,212,000. The size of the sales through which this timber is disposed of varies from a few thousand board feet to over 200,000,000, most of them involving less than \$500 worth of timber. The average price paid is \$2.45 per thousand feet, which in 1930 produced a revenue of \$147,724.30.

Sawtimber makes up more than half of the annual cut, amounting in 1930 to 34,253,000 board feet. Other products, in the order of their importance are railroad ties, mine props, and timbers, telephone poles, posts, and cordwood.

Additional products of the forest, which cannot be reduced to board feet, are sold by the forest service in Colorado. Among these are Christmas trees and evergreen boughs, which result from thinnings in over-crowded stands of Douglas fir; ornamental seedlings, also a product of thinnings, and pine cones.

The present cut of timber in the national forests of Colorado, is less than one-sixth of what it could be without exceeding the potential annual replacement through natural growth and reproduction. In general, however, the yearly cut is increasing slightly. Within recent years, lodgepole pine has attracted attention as a species suitable for use in the form of telephone and telegraph poles. Two plants have been established within recent years, one at Salida and one in Denver, for the preservative treatment of poles, also railroad ties and fence posts produced from nearby forests.

At present pulpwood species (Engelmann and blue spruce, alpine cork-bark and white fir) of which there are nearly 23,000,000,000 board feet of timber sawlog size in the national forests of Colorado, are receiving considerable attention by paper manufacturers. In 1930 the forest service offered for sale 2,000,000 cords of spruce and fir timber in Colorado. Four bids were received, three from responsible pulp and paper manufacturing companies. The timber was awarded to the high bidder and a period of approximately nine months was provided for the preparation of operating and financial plans. Up to April 1, 1931, the final date of the award, the successful bidder had not made arrangements for the execution of the agreements and bonds. Just what the outcome will be is not known at this time, but it is antici-

pated that a pulp and paper industry will be developed in Colorado within the next few years.

With the exception of Christmas tree thinnings, all timber is sold on the stump and is cut and removed by the purchaser under the close supervision of forest officers. Only mature trees are designated for cutting or such trees as it is advisable to remove to secure proper spacing for those which remain. The aim of the methods employed is not only to maintain the forest in a perpetually productive condition, but to increase the productive capacity of the stands as time goes on.

Reforestation—Approximately 10 per cent of the timberland within the national forests of Colorado has been denuded by fire or is covered with brush which is of no value except as it prevents erosion and rapid run-off from rain and melting snow. These areas can be restored to productivity as forest land only through artificial reforestation.

Most of the destruction by fire occurred before 1905. During the past twenty-three years for which records have been kept the total area burned over is equal to about one-fourth of one per cent of the total national forest area in the state, or 31,782 acres. The Mt. Herman burn, which was swept by fire in the 80's, covers an area of 10,000 acres, which is approximately 15 times as large as any single fire in the Pike forest which has occurred since 1908. The planting of this area, which is located between Palmer Lake and Woodland Park, will be completed in 1931. The project was started in 1924.

Colorado's forests have a value in protecting watersheds for the large irrigation interests and municipalities of the state, which it is difficult to appraise. Forests retard the melting of snow in the mountains during the spring season and thus tend to equalize the flow of the streams. Three million acres of land in this state, valued at approximately \$300,000,000, depend upon such sources for irrigation water. Forests also retard the flow of water in times of flood.

During the calendar year 1930, 1,486 acres of denuded land was planted in Colorado. The area planted in Colorado is now being increased. In 1931 about 500 acres will be planted on denuded land on the headwaters of the South Platte river in South Park. Eventually this will be increased to 1,000 acres. The production of the

Monument nursery is being increased to produce trees for this increased acreage. About 1,600,000 trees were shipped from the Monument nursery during the spring of 1931. Of all the area planted to date in Colorado, about 86 per cent supports a stand of 250 trees or more per acre, which is considered the minimum stocking of a successful plantation. During ordinary seasons large survivals are secured in planting trees and the work can be done quite effectively in the rockiest country at a cost which is not unreasonable in view of the difficulties encountered.

Most of the reforestation in the national forests has been on burned-over watersheds of municipalities, such as those of Colorado Springs, Denver, Trinidad, Salida, and Fruita.

Recreation—As the national forests are made more accessible by a good system of roads, people come to them in larger numbers for recreation. The national forests are the only large areas where hunting and fishing may be enjoyed by the ordinary citizen who does not have the money to purchase a privately owned fishing stream or to join a hunting or fishing club. Streams which have always been open to fishing are gradually being posted. As a result, most of the public must go to the national forests if they wish to enjoy this sport. Then again, advertising campaigns bring larger numbers of tourists to the state and they are interested mainly in seeing the scenic mountain areas and in fishing. Hence the importance of the national forests for recreation is increasing annually.

In 1930, 2,340,660 people used the national forests of the state for recreation. Of these, 148,000 were hotel, resort, and summer home guests, 220,000 were campers, 332,000 were picnickers who drove out from the towns and cities for one day outings. The remainder were transients passing through the forests over the main highways enroute to distant points or driving over some of the numerous scenic routes for which the Colorado mountains are noted.

Plans have been prepared for the development of the most desirable and largely used recreational areas in the national forests. In these plans recreation is co-ordinated with other forest activities and one form of recreation with another. Public needs, such as campgrounds, are first provided for, after which sites are selected for hotels, resorts, organizational uses, and summer homes. The latter is the

lowest in order of priority because it is a restricted use, but after providing for the public there is ample space for all summer home applicants.

There are 78 hotels and resorts and 496 summer homes under permit in the forests of Colorado. Many attractive lots for summer homes have been surveyed and are available for people who wish to build cabins in the national forests. These lots are a half to an acre in size and can be leased from the local supervisors, the annual fee being \$10 or \$15.

Primitive Areas—Fifteen tracts, containing about a million acres, located within the national forests of Colorado, have been designated as primitive or wilderness areas. A wilderness is a region which contains no permanent inhabitants, possesses no possibility of conveyance by any mechanical means and, as a rule, is sufficiently spacious that a person in crossing it is away from direct contact with civilization. The dominant attribute of such an area is that it preserves as nearly as possible the primitive environment, reflecting the conditions of the region before they were influenced by man.

No auto roads will be built in these primitive areas and no resorts, summer homes, or commercial uses of that nature will be permitted. Portions of these areas, which have accessible commercial timber, may be cut over on a conservative basis, but there will be very little timber cutting, as most of the primitive areas are high and inaccessible.

The Gore range area of about 80,000 acres, includes both slopes of that rugged and majestic range. The San Juan-Upper Rio Grande area of about 300,000 acres, includes the country from the Grenadier range almost to the Wolf Creek pass highway and the region on the eastern slope of the Continental Divide around the Rio Grande pyramid.

The Flat Tops area of 118,000 acres in the White River national forest is another example of a primitive area. Others are located around the Mount of the Holy Cross, the Maroon-Snowmass country near Aspen, the Uncompahgre Peak region, and the country around Mt. Shavano.

Land Exchange—There is 1,435,497 acres of private and state-owned land within the exterior boundaries of the national forests of Colorado. Of this area 107,598 acres is state school land. The state land board and the United

States forest service are now negotiating an exchange whereby these scattered holdings will be turned over to the forest service for an equal area of government land in one tract. When this exchange is completed, Colorado will have its first state forest.

Much of the private land is permanently adapted to the production of timber and is no longer desired by the owner. In some cases it was taken up for the merchantable timber, which has now been removed, and in other cases it was taken up in the hope of making a successful farm and proved to be worthless. In still other cases it is mineral ground which has been worked out or proved to be valueless. Some of it is used for grazing and some not at all. Often a single owner has acquired a number of widely separated tracts. On March 20, 1922, the president approved the land exchange act which authorizes in general language the exchange of private lands for government lands in the national forests, or authorizes the exchange of private lands for timber of equivalent value. This makes it possible for private owners to consolidate their holdings and to exchange timber producing land for land of greater value for grazing, and at the same time permits the government to consolidate its holdings in more compact bodies of timber land which will be easier of administration and less expensive to protect. Since 1922, 64,014 acres of privately-owned timber producing lands have been acquired in the national forests of the state in exchange for 17,264 acres and 54,467,000 feet of timber selected by private land owners with whom the exchanges were consummated.

Grazing in National Forests—Intermixed with the stands of timber on the forests are many parks or open places covered with good forage. There is also much grass and other forage plant growth in the timber where the tree growth is not too heavy. Most of this forage, by conservative uses, can be grazed by stock without injury to the timber. Some areas are closed to grazing in order to protect the slopes of streams which furnish municipal water supplies, and other areas, rock slides, etc., are barren of any forage growth. About 9,200,000 acres of the 13,330,832 net acreage in the national forests of Colorado is used for summer pasturage by about 25 per cent of the cattle and 50 to 60 per cent of the sheep owned in the state. During 1930, 284,614 cattle and horses

were grazed by 2,807 permittees, and 1,081,604 sheep and goats by 923 permittees, in the national forests of the state.

Sheep are grazed in the extremely high portions of the forests, where the snow stays until the latter part of June and begins to fall again in September. They are on the ranges from two and one-half to three months. The lower altitudes are set apart for cattle and horses as a rule. The average grazing season for cattle and horses is about five months.

Grazing Fees—A certain fee per head per month, or a per capita charge, is made for grazing permits. Up to and including 1927 the fees were based on a flat annual rate, regardless of variations in character of individual ranges. An intensive appraisal was conducted, which resulted in the revision of fees based upon the worth of the various individual ranges rather than upon a flat rate for all ranges. In 1927 the secretary of agriculture approved that the established increases in fees be applied in installments of 25 per cent each during the years 1928, 1929, 1930, and 1931. In 1931 the average fee for cattle in Colorado is about 17 cents per head per month and for sheep five and one-half cents per head per month. No charge is made for the natural increase, stock under six months of age, which goes in with the parent stock.

Larkspur Eradication — Certain poisonous plants on the range kill stock, but it has been found that about 90 per cent of this loss in cattle can be prevented by digging or grubbing the principal poisonous plant, larkspur. Sheep are not affected by this plant and cattle losses are sometimes controlled in part by "sheeping" bad patches of the plant early in the season. During the latter part of 1915 definite grubbing of larkspur was begun in Colorado. The progress of this work at the close of 1930 is indicated in the following figures:

Area now infested with poisonous plants	326,451
Area poisonous plants treated to close of 1930	13,362
Total cost of treatment to close of 1930	\$40,391

Experiments were conducted the past summer in the mountains of Colorado on the effectiveness and cost of administering solutions of commercial calcium chlorate to larkspur. Seven strengths were tested, but the costs, which are dependent upon many fac-

tors, appear to make this method of eradication prohibitive.

Range Improvements — Constructed range improvements that are at present in use on the national forests of Colorado consisted of the following at the close of 1930:

	Mi. or No.	Value
Fences	612	\$100,062
Corrals	50	3,843
Stock driveways.....	1,234	48,101
Stock bridges.....	8	1,814
Water developments (including springs) ..	274	11,528

Game—Game animals are always interesting and the forest service game census for 1930 shows there are in the national forests of the state approximately 10,500 elk, 3,450 mountain sheep, 100 antelope, 60 Arizona deer, 36,300 mule deer, 2,700 black or brown bear and 17 silvertip bear.

Approximately 5,348,000 fish fry were planted by the forest officers in the state in 1930.

State game refuges have been established within the national forests of the state. The forest service cooperates with the state authorities in the protection of these areas, comprising a total acreage of 3,551,970, of which 2,666,484 acres is within the boundaries of the national forests. In addition to these state game refuges, game areas have been established by administrative restrictions embracing 202,607 acres.

Fire Control—During 1930 a total of 166 fires occurred on or threatened the national forests in the state; 110 of these covered only one-fourth of an acre or less, 46 covered one-fourth to 10 acres, and 10 burned over 10 acres or more. The total national forest land burned over was 392 acres, and the damage to timber, reproduction and forage amounted to \$881. Fifty-six of these fires were caused by lightning, 46 by smokers, 28 by campers, 20 by railroads, three by debris burning, two by lumbering, and 11 by miscellaneous causes. The percentage of smokers' fires has increased from 22 per cent to 28 per cent over 1929, and the percentage of campers' fires jumped from 5 per cent in 1929 to 17 per cent in 1930. This shows that campers and smokers in the forested areas are growing more careless. Any one of these fires might have reached serious proportions had it not been for the alertness of forest officers and the local people. In addition to the national forest acreage burned, as indicated above, these fires burned 29 acres of

privately owned land inside the exterior boundaries of the forests and 379 acres outside. It cost the forest service \$4,955 to suppress these fires in Colorado in 1930, in addition to which \$4,586 was paid by other agencies.

On July 1 the regional forester found it necessary to issue an order prohibiting camp fires, except in constructed fire places on improved campgrounds, also the discharge of any kind of fireworks, on the eastern slope national forests, the Pike, Colorado and San Isabel, and this order continued in effect through the month of July, when rains relieved the hazardous conditions.

The worst fire of the season started on June 29 in Gunnison county just outside the Uncompahgre national forest, but was kept from entering the national forest. This fire alone covered 282 acres, damaged timber to the value of \$1,995, and cost over \$4,000 to extinguish. It was caused by a rancher setting fire to a stump.

Roads—A comprehensive system of roads and trails has been adopted for the national forests, and the forest service alone or in co-operation with the state or counties is engaged in the improvement of roads on that system, using government and co-operative funds. The roads are divided into two major classes: Forest highways and forest development roads, which also include trails. Forest highways include roads that are of prime importance to the state, counties, and communities, and funds for their improvement are programmed upon joint recommendations by the state highway department, bureau of public roads, and forest service, based upon surveys and estimates prepared by the

bureau of public roads, which also has direct supervision of their construction. Forest development roads and trails are of vital importance in the protection of the forests against fires, and are also used in administration and in the marketing of the forest crop. Such roads, with the exception of a few which require expert engineering, are of lower standard than forest highways and are constructed by the forest service organization. During the fiscal year 1930, a total of 140.3 miles of new road was constructed by the expenditure of \$419,564. A total of \$319,558 was spent on the construction of forest highways, \$100,006 on forest development roads and \$20,776 on trails, of which 267.7 miles were built during the year. In addition \$45,389 was spent in the maintenance of minor roads and trails during 1930.

Finances—The receipts from the sale of timber, grazing, and special use permits, and other uses, amounted to \$564,969.60 during the fiscal year 1930. Twenty-five per cent of this amount, or \$141,242.40, was turned over to the counties, in accordance with the law, for schools and roads. An additional 10 per cent, or \$56,496.96, was spent directly by the forest service for roads and trails in the national forests, this also in accordance with a congressional act authorizing such expenditure.

The total amount spent in the administration of the fourteen forests in Colorado, in operating the regional office in Denver, the experiment station at Colorado Springs, and for the construction and maintenance of roads, trails, telephone lines, ranger stations, etc., was \$1,108,516.93 in 1930.

Tourist Attractions

COLORADO has in its incomparable climate and wonderful scenery a natural resource of almost incalculable value from an economic standpoint. At the same time it furnishes recreation facilities for thousands of people from all parts of the United States and foreign countries. The invigorating low-pressure atmosphere of high altitudes, the cool and refreshing nights, the days of continuous sunshine and the accessibility of the attractive regions make ideal conditions for the tourist and pleasure seeker. Camping, hunting, fishing, mountain climbing and other outdoor sports may be enjoyed in regions remote from the

cities and towns or close to inhabited places, as the visitor may choose. Excellent highways make automobile touring a pleasure in the mountains, through the valleys and wherever one desires to go. Federal, state and municipal governments contribute towards the furnishing of accommodations for visitors and have organized means of adding to their comfort and pleasure.

It is impossible to enumerate, even partially, in a volume of this character, all the tourist attractions of the state. That is left to the railroads serving Colorado, the commercial clubs of the various cities and towns and

similar corporations and organizations which publish annually hundreds of booklets and leaflets descriptive of the state's scenic attractions and recreation opportunities. Such literature may be obtained upon request from the various railroads and organizations.

Switzerland has been more successful than perhaps any other country in capitalizing its mountain scenery for profit. Circumstances have aided nature and the energy and enterprise of the Swiss people in making the scenery of that country return a substantial revenue every year. Before the war Switzerland was for many years on nearly all the direct routes of tourist travel through Europe and few persons who visited the continent failed to spend some time in the Alps and to visit the cities and lakes of Switzerland that are so familiar to all European travelers. Before the war estimates placed the revenue derived by the Swiss people from tourist travel as high as \$35,000,000 annually.

Yet Colorado is nearly seven times as large as Switzerland, and its mountain area is fully six times as great. Colorado has at least 43 named peaks and equally as many unnamed peaks that tower more than 14,000 feet above sea level, while Switzerland has but eight. Colorado has fully 1,000 peaks 10,000 feet high and over, while Switzerland has fewer than one-eighteenth as many. Every peak in Colorado is accessible for any careful and reasonably strong mountain climber entirely to its summit, while the highest peaks in Switzerland are accessible to their summits only for hardy and expert climbers and then only under the direction of experienced guides.

There are thousands of beautiful lakes in the mountains of Colorado, many of them of large size and all of them of wonderful beauty. Some of Colorado's lakes, though far less famous than Lake Lucerne, are not surpassed by it in certain characteristics of natural beauty. If they were surrounded by beautiful villas and hotels scores of Colorado's lakes might soon have almost as many admirers as have the lakes of Switzerland. Some of the more easily accessible of our mountain lakes are beginning to be surrounded by the modern conveniences that many tourists and travelers demand, but there will always be in Colorado hundreds of picturesque lakes where fishing is good and where natural beauty is not too much marred by the art of man.

The United States government has recognized the value and importance of Colorado's scenery and natural recreation advantages by the creation of two national parks and four national monuments within the state. These are Rocky Mountain national park, in the north-central part of the state, and Mesa Verde national park, in the southwestern area, and Colorado, Yucca House, Wheeler and Holy Cross national monuments, which are described in more detail under the title, "National Parks and Monuments," in this volume. Hovenweep, another national monument, lies partly in Colorado and partly in Utah.

The government is constantly improving the highways, providing facilities for campers, automobile travelers and other visitors in these parks, while hotel and transportation facilities are all that may be desired. In 1930 there were more than 255,000 visitors in the Rocky Mountain national park, a number exceeded only by the visitors to two other national parks in the country.

Fourteen national forests are located wholly within the boundaries of the state and one—the La Sal—lies partially within its borders. These forests embrace 13,330,832 acres within the state and include nearly all the higher mountain peaks not within the national parks and a very large part of the most beautiful scenery in the state. The forest service is devoting more attention each year to popularizing these forests as national playgrounds and to improving them with roads, trails, shelter houses and other conveniences for travelers. The forest service places the number of people who viewed the scenery, fished in the streams and camped in the woods of the state of Colorado in 1930 at 2,340,660. This compares with 1,617,147 in 1925 and indicates the growing popularity of the national forests. Some of these visitors remained in the forest limits only a few hours, some remaining several weeks and some of them making several visits. The average time spent by each of the visitors within the forest limits, according to the records of the forest service, was three days. Most of them spent much more time than this in the state. Of course, a very considerable number of these forest visitors were Colorado people, but some idea of the vast and growing importance of the state's tourist business may be gathered from the figures here given. A great many of the visitors to the state do not enter

the national forest limits except on railroad trains and hence are not counted in the forest service's enumeration. Many of the visitors to Rocky Mountain national park never enter the national forests.

An idea as to the extent the national forests are used for recreation purposes is given in the figures which show that 191,815 hotels, resorts and club houses and 10,661 residences are under permit within their confines, of which 78 hotels, resorts and club houses and 496 residences are within the national forests of the state. Additional information on the national forests will be found in this volume in a chapter under that heading.

Colorado has many hundreds of miles of streams at high and low altitudes which afford unusually good fishing grounds, and the state is noted for the excellent sport it affords the anglers. The streams are stocked annually by the state game and fish department, the number of trout planted increasing yearly. In 1930 there were 30,000,000 trout planted in the streams by this agency. Big game is abundant in Colorado and conditions are made as favorable as possible for the sportsmen. In another chapter in this book under "Fish and Game" there is much additional data on fishing and hunting opportunities.

In recent years excellent highways have been built into many of the most beautiful mountain districts, and many of the most magnificent mountain peaks which were unknown even to most of the people of Colorado are now coming to be almost as well known as Pikes peak, which in the past was practically the only mountain in Colorado known outside the state. Today there are five or more automobile routes across the state east and west, intersecting north and south highways, and travel is heavy on all of them. More tourists visit Colorado today by automobile than visit it by rail, and automobile travel to the state is increasing much more rapidly than travel by railroad.

Some of the mountain areas that are yet inaccessible because of lack of highways are of exceptional beauty and grandeur and Colorado will for many years be offering each season some new scenic attraction to its visitors. People no longer come to Colorado year after year to see Pikes peak alone, but each year they may visit some new peak, lake or mountain park and none of our visitors of today will live long enough to see all that is

worth while in the Colorado Rockies by making one visit to the state each year.

The characteristics of the Colorado climate that make it so attractive to tourists and healthseekers are its dryness, high percentage of sunshine, moderate air movements, and moderate and equable temperatures. The high altitude affects the climate favorably for persons afflicted with pulmonary and similar diseases, the air being rarer, less humid and generally purer than the air in lower altitudes. A more detailed description of the climatic conditions in the state and their effect on health seekers will be found in another chapter in this volume under the title, "Climatological Data."

Colorado is rich in mineral waters, some of them acknowledged to be of high curative qualities. More than 250 mineral springs and wells in the state have been carefully studied and their waters analyzed by the state geological survey, and there are perhaps as many which have not been analyzed. The largest single group of mineral springs in Colorado is found in and about the city of Steamboat Springs, in Routt county. Among other well-known groups of mineral springs are those at Glenwood Springs, Idaho Springs, Pagosa Springs, Hot Sulphur Springs, Manitou and Canon City. Many of these places are well known health and tourist resorts, some of them having large bathing pools, sanatoria, hotels and other conveniences. One of the springs at Pagosa Springs has an average flow of about 700 gallons per minute, being one of the largest mineral springs in the United States. The waters of many of the Colorado mineral springs are highly radio-active, comparing favorably with the most notable springs in the world in this respect. Temperatures of the waters vary greatly, the highest being that of the Hortense hot springs, near Mt. Princeton, in Chaffee county.

The economic features of the tourist business are important and contribute materially to the prosperity of the state. Expenditures by tourists represent new capital coming in, which is quickly absorbed into all channels of trade and exceeds the state's income from precious minerals many times each year. Municipalities contribute liberally towards the convenience and comfort of tourists and in many of the cities and towns public camp grounds are maintained, where running water, comfort stations, shelters, cooking equipment and other facilities are provided.

Fish and Game

COLORADO has an elaborate and complete system for the propagation and protection of game and fish and as a result it has achieved an enviable reputation for its hunting and fishing opportunities. There were 120,868 licenses issued in 1930 to residents and non-residents, giving the parties obtaining same the privilege of hunting or fishing in the state during the year. The revenues derived from the sale of these licenses and permits, fines for violations of the laws, the sale of beaver pelts, etc., provide the funds for the operation of a state game and fish department, which has general supervision over the protection of game and fish, the stocking of streams and refuges, and the enforcement of the game laws. The expenditures for this work run from \$200,000 to \$250,000 each year without any appropriations being made out of the public funds.

The state owns and operates 15 hatcheries used in stocking the hundreds of miles of fishing streams with trout. These hatcheries are among the most modern and complete in the United States and have a hatching capacity of 75,000,000 trout each year. The department has recently constructed three large reservoirs and is building a fourth for egg-spawn taking purposes. In former years spawn was taken from wild lakes, but under this system the reservoirs will be used exclusively for that purpose and no trout will be taken from them. These reservoirs are expected to supply sufficient quantities of spawn to permit the operation of the hatcheries at their full capacity of 75,000,000 a year. The young trout are permitted to grow to a length of four to seven inches in retaining or nursing ponds before being planted in the streams, by which time they are sufficiently developed to take care of themselves in the swifter water. The department has developed motor tanks for transporting trout, which by the use of compressed oxygen allowed to flow through ice-cooled compartments aerate the water. This method has resulted in approximately 85 per cent of the fingerlings planted in streams surviving. Ten of these tanks are operated by the department.

In 1929 and 1930 the department planted 30,000,000 trout annually in the streams of the state. This number about represents present requirements and will not be increased until

there is a larger demand. The department in 1930 removed several hundred thousand male trout from 14 to 16 inches in length from the spawning lakes and reservoirs and planted them in streams. It plans to expand this work as the excess of males over females increases and make the planting of trout of lawful size a regular feature.

Colorado ranks first among the states in the propagation of trout, and with its hundreds of miles of well-stocked streams, makes a fisherman's paradise.

The season for stream fishing in Colorado is from May 25 to October 31, inclusive, and all fishermen are required to obtain licenses. The game and fish department has planted more than 244,000,000 trout in the streams of the state in the past twelve years. The following table shows the number planted by years:

Year	Trout Distributed
1919	10,389,000
1920	13,076,500
1921	12,011,000
1922	16,871,000
1923	18,117,000
1924	19,078,000
1925	19,921,000
1926	24,019,000
1927	25,000,000
1928	26,000,000
1929	30,000,000
1930	30,000,000

The United States forest service also maintains hatcheries at several points in the state and in 1930 distributed 5,348,000 fish fry in the streams of the national forests. A number of private hatcheries are operated in the state for supplying trout for market purposes. The state game and fish department also supplies large quantities of bass and ring perch for lakes. An accompanying table shows the number of licenses of all classes issued by the game and fish department by years.

Big game still is found rather abundantly in Colorado, including deer, antelope, bear, elk, mountain lion, gray wolf and coyote. In an article in this book devoted to the national forests of the state will be found approximate estimates of the numbers of various kinds of big game found within the national forests. The numbers found outside the forest boundaries bring the totals considerably above the figures there given, but no accurate survey has been made except within the forests. There is also much small game,

including sage hen, grouse, pheasant, dove, wild duck, rabbit, squirrel and other varieties. In recent years the state has exercised strict supervision over the killing of game, and such protective measures as have been adopted and enforced have had the effect of increasing the supply of many kinds of the larger game birds and animals which were in danger of extinction. There is open season on practically all game, and the regulations under which game may be killed may be obtained from the state game and fish commissioner at the state capitol.

Game Refuges—There are now within the state 22 protected areas in which game may not be killed at any time, except certain predatory animals, which may be trapped or hunted under special permits granted by the state game and fish commissioner. Two of these areas were created by the Twenty-seventh general assembly in 1929. Exclusive of these last two, these areas comprised 3,146,053 acres, of which 2,620,657 acres are in national forests. The areas are known as game refuges, or sanctuaries, the following having been created by the state legislature in 1921:

The Colorado State game refuge, in Larimer and Boulder counties, surrounding the Rocky Mountain national park on the north, east and south. This refuge lies within the borders of the Colorado national forest.

The Pikes Peak game refuge, in El Paso and Teller counties, including much of the area about Pikes peak and being within the Pike national forest.

The Spanish Peaks game refuge, in the southwestern part of Huerfano county and extending into western Las Animas county, in the San Isabel national forest.

The Denver Mountain Parks game refuge, west of the city of Denver, in Jefferson, Clear Creek and Park counties, including the Denver mountain parks.

The Colorado Antelope refuge, comprising four townships in Larimer and Weld counties, north of Wellington.

Eight additional game reserves were created by the State legislature in 1923, as follows:

Royal Gorge game refuge, west of Canon City, in Fremont county.

Poncha Pass game refuge, in Gunnison and Saguache counties, west of Salida.

Cochetopa game refuge, in the Cochetopa national forest, in Saguache, Mineral and Hinsdale counties.

Ouray game refuge, between Ouray and Telluride, in San Juan county.

Gunnison game refuge, partly in the Gunnison national forest, in Gunnison county.

Snowmass game refuge, in the Sopris national forest, in Pitkin county.

Williams Fork game refuge, surrounding Hot Sulphur Springs, in Grand county.

North Park game refuge, in the central-north part of Jackson county, adjoining the Wyoming boundary.

The legislature in 1925 created five additional reserves, as follows:

Newlon Creek game refuge, Fremont county; Waugh Mountain game refuge, west of Cripple Creek, in Fremont county; Buffalo Peak game refuge, at Leadville, in Lake county; White River game refuge in White River national forest, Rio Blanco county; and the Cameron game refuge, in the south-central part of Jackson county.

The legislature in 1929 created two additional reserves, as follows:

Smith's Hollow game refuge, in Pueblo county, south of the city of Pueblo, and the Douglas Mountain refuge, in Moffat county, just east of the Utah boundary.

The legislature in 1930 enlarged the area of the Newlon Creek refuge in Fremont county and created two new refuges, the Two Buttes refuge in southern Prowers county and the Carrizo refuge in the southwestern part of Baca county.

Predatory Animal and Rodent Control—For the protection of crops, livestock and game, the bureau of biological survey of the United States department of agriculture co-operates with the state board of stock inspection commissioners in predatory animal control, and with the state board of agriculture through the Agricultural Extension service, in rodent control. Livestock associations, counties, individuals, and the forest service also co-operate in these control activities.

During the fiscal year 1930 co-operative predatory animal control accounted for 3,342 coyotes, 207 bobcats, 27 lynx, 1 wolf, 2 mountain lions, and 40 stock-killing bear.

In co-operative rodent control campaigns a total of 126,365 pounds of

poisoned baits has been distributed. The poisoned bait was used in the treating of 379,146 acres for the control of prairie dogs, and 109,122 acres for the control of ground squirrels.

More than 2,300 pounds of poisoned bait was placed for the control of rats, and assistance was given many individuals in jackrabbit and pocket-gopher control.

HUNTING AND FISHING LICENSES SOLD IN COLORADO, BY YEARS (State Game and Fish Commissioner)

YEAR	Resident Combina- tion Hunt- ing and Fishing	Resident Big Game	Non- Resident Fishing	Non- Resident Hunting	Non- Resi- dent Big Game	Total
1920	86,371	15,951	5,387	138	67	107,914
1921	89,598	8,337	2,445	117	42	100,539
1922	72,333	6,960	2,480	104	29	81,906
1923	71,254	6,891	2,954	102	26	81,227
1924	80,735	7,979	5,223	178	46	94,161
1925	84,852	8,411	6,459	249	47	100,018
1926	88,570	8,956	7,374	306	65	105,271
1927	93,355	9,383	8,653	353	70	111,814
1928	95,512	11,793	8,769	301	119	116,494
1929	96,432	13,652	9,882	227	170	120,363
1930	96,495	14,393	9,648	134	198	120,868

Irrigation Development

THE irrigation of land for the growing of crops by applying water to the soil as it is needed is as old as civilization itself, but in the United States the method is used, with few exceptions, only in the western half of the country in a district extending from the center of Kansas to the Pacific coast. The water used for this purpose is diverted to the soil direct from flowing streams, from reservoirs where it has been stored during flood seasons, or by pumping it from wells.

Farming under irrigation began in Colorado almost as soon as gold mining. Its development began on a small scale and was not very rapid at first but was steady and persistent, until today the annual output of the state's irrigated farms is more than ten times as great as that of its gold mines. Land in Colorado does not carry title to water rights unless so stated in the deed, and rights usually are acquired independent of the land. Water is pro-rated among users according to the priority of their rights as established by diversion and application to beneficial use.

Concerning the earliest record of irrigated farming, the History of Agriculture in Colorado, published in 1926 by the state board of agriculture, says: "While much must be left to conjecture in discussing Indian irrigation practice, there are authentic records

as to the Spanish colonists from 1598 to the time when settlement in Colorado began. The first court decrees for irrigation rights in Colorado streams were granted to Spanish-American users in 1852, five years after the first Mormons arrived in the Salt Lake valley. While the Mormons were without previous experience in the use of water on crops, the early Spanish-American farmers who settled on what later became Colorado soil had long been accustomed to irrigation in the Taos country from which they came. In fact, the ancestors of these Colorado colonists came from a country where irrigation was practiced extensively at the time the first Spanish explorers crossed the Atlantic to the new world."

The first formal decree of appropriation for irrigation water, according to the same authority, was granted in Costilla and Conejos counties in April, 1852, the decree carrying 13.5 second-feet from the Culebra river. In northern Colorado David K. Wall, an outstanding figure in pioneer history, is popularly conceded to have been the first to divert water for agricultural purposes, his ditch drawing water from Clear Creek, in Jefferson county. Following these first ventures into the field of irrigated farming, development came rapidly.

Between 1860 and 1869 large com-

munity irrigation enterprises were undertaken. Up to this time only short ditches had been in operation, carrying water directly from the streams to the low lands lying in the narrow creek and river valleys. Most of these pioneer irrigation systems were individual enterprises, watering from 10 to 100 acres each. Irrigation on a large scale was first undertaken in the Greeley district, in northern Colorado, the water being taken from the South Platte river and its tributaries. The undertakings were generally successful and other districts immediately followed the example of northern Colorado. In 1889, when the United States census bureau made its first detailed report on irrigation enterprises, Colorado ranked second among the states in irrigation development, with 890,775 acres of land under ditch. California was first at that time, with 1,004,223 acres irrigated.

Colorado took first place in the area of land irrigated in 1899 and held that rank until 1919, when California went ahead of it as a result of the development of water from the drilling of wells. Colorado continues, however, to rank first among all the states in the area of land receiving its entire water supply from streams. The state lies at the top of the Continental Divide and its principal streams flow in all directions. To the east, the Arkansas and South Platte flow into Kansas and Nebraska; to the west, the Colorado flows into Utah; to the north, the North Platte flows into Wyoming; and to the south the Rio Grande del Norte flows into New Mexico. These streams, with their numerous tributaries, form the foundation of the state's irrigation system, not only from the normal stream flow, but as the channels through which water from melting snow in the mountains passes down to the lower lands during the summer months.

The administration of the public water supplies of the state is in the hands of a state engineer. For the purpose of administering the waters, the state is divided into seven divisions, each in charge of a division engineer; the divisions in turn are divided into districts, of which there are 68 in the state, each in charge of a water commissioner. The state engineer is appointed by the governor, subject to civil service regulations; the division

engineers are appointed by the governor, with the approval of the senate; and the water commissioners are appointed by the governor upon the recommendation of the county commissioners of the counties included in each district, all subject, of course, to civil service regulations prescribed by constitutional amendment and by statute, after the acts designating methods of appointing these officials were passed.

Under the laws of the state as they now stand, the state engineer has no authority to compel the furnishing of statistics, but through the co-operation of the division engineers and the water commissioners, the gathering of data each year has been put upon a more reliable basis. The records of the state engineer's office are complete and comprehensive as to stream discharges, quantity of water originating in Colorado and discharged into adjacent states, data on water returned to the streams, water in storage and other details of value in administering the irrigation laws. The 1,000 or more reservoirs in the state are inspected at regular periods, and a close check on all water users is maintained. There are at present in use in the state 209 automatic recording devices on ditches and canals, and 113 at stream gauging stations.

The United States census reports show that a total of \$88,302,442 had been invested in irrigation enterprises in the state up to 1920. Of that amount only 0.3 per cent had been invested prior to 1860. The period between 1860 and 1869 was particularly active, the investment reaching \$14,410,037, or 16.3 per cent of the total. The largest for any decade, however, was between 1880 and 1889, when \$17,150,419 was invested, or 19.4 per cent of the total up to 1920. There was considerable work done in the 10 years preceding the World war, but from 1915 to 1919 the investment dropped to \$550,890, or 0.6 per cent, the lowest since 1860. Since 1920 no major projects of outstanding importance have been completed.

The 1930 census enumeration included irrigation in all its phases, but up to this writing only the preliminary figures on acreage irrigated, acreage enterprises were capable of irrigating and irrigable acreage in enterprises in 1929 have been released. These show

that 3,426,022 acres was irrigated in 1929, which compares with 3,348,385 acres in 1919, an increase of 77,637 acres, or 2.3 per cent. The enterprises operating in 1930 were capable of irrigating 4,122,073 acres, as against 3,555,348 acres in 1919, an increase of 266,725 acres, or 6.9 per cent. There was 4,569,801 acres of irrigable land in enterprises in 1930, which compares with 5,220,588 acres in 1919, a decrease of 650,787 acres or 12.5 per cent.

The development of drainage enterprises to recover land that is unfit for cultivation unless drained of excess water showed considerable progress between 1919 and 1929. In the last named year, according to the preliminary 1930 census, capital invested in drainage enterprises in the state amounted to \$4,359,616, most of which is confined to 10 counties. In 1929 there was 336,139 acres in drainage enterprises compared with 171,655 acres in 1919, an increase of 95.8 per cent. These enterprises reported 818 miles of open ditches and 369 miles of tile drains in 1929.

A table published herewith gives the preliminary census figures on irrigation and drainage in 1929 by counties. Statistics on irrigation enterprises in 1919, by counties, showing number of enterprises, mileage of ditches, capital invested, etc., was published in the 1930 edition of the Year Book. These for the state, as a whole, are as follows:

Irrigation in 1919

Number of farms irrigated in 1919	28,756
Acreage irrigated in 1919.....	3,348,385
Acreage enterprises were capable of irrigating in 1920.....	3,855,348
Acreage included in irrigation projects in 1920.....	5,220,588
Main ditches—Number, 1920.....	8,867
Length, miles.....	19,022
Laterals—Number, 1920.....	6,185
Length, miles.....	8,571
Reservoirs—Number, 1920.....	979
Capacity, acre-feet.....	2,406,372
Flowing wells—Number, 1920.....	476
Capacity, gallons per minute.....	20,139
Pumped wells—Number, 1920.....	527
Capacity, gallons per minute.....	210,094
Pumping plants — Number, 1920	406
Capacity, gallons per minute.....	299,726
Average lift, feet.....	23
Cost of irrigation enterprises up to January 1, 1920.....	\$88,302,442
Estimated final cost of existing irrigation enterprises..	\$95,198,423

Soil to which water is applied by irrigation as needed produces larger yields per acre than the non-irrigated lands as a rule. This fact may not readily be realized from a study of crop reports unless the distinction is closely watched, if average yields are based on lands both irrigated and non-irrigated. For instance, the average yield of corn in the state in 1919 was 13.4 bushels to the acre. The average on irrigated land was 25 bushels and on non-irrigated land, 12.6 bushels to the acre. Winter wheat yielded an average of 13.3 bushels per acre for the state as a whole, while the average yield on non-irrigated lands was 12.1 bushels and on irrigated lands, 22.9 bushels.

DRAINAGE ENTERPRISES, BY COUNTIES, 1929

NOTE: Preliminary census figures, subject to revision.

COUNTY	Land in drainage enterprises in 1929 (acres)	Drainage condition in 1929			Land in occupied farms		Capital invested in enterprises
		Land unfit for crop for lack of drainage (acres)	Land drained, fit for normal crop (acres)	Land partly drained, fit for partial crop (acres)	Total land (acres)	Land planted in 1929 (acres)	
Alamosa.....	34,485	128	29,363	4,994	19,603	14,003	\$ 308,494
Bent.....	23,112	380	22,712	-----	22,692	21,502	259,150
Conejos.....	36,871	-----	34,040	2,831	21,040	20,040	581,400
Crowley.....	28,867	1,000	1,200	3,378	27,960	25,919	619,000
Mesa.....	68,831	1,250	54,293	13,288	61,101	48,824	1,164,568
Otero.....	14,445	370	12,446	59	14,275	11,818	352,000
Prowers.....	47,593	22,262	39,234	503	47,593	46,824	539,050
Rio Grande.....	54,610	920	53,690	-----	47,930	42,580	410,724
Saguache.....	16,720	80	16,120	520	9,220	7,400	82,080
Weld.....	7,642	350	7,232	60	7,642	7,232	68,150
All other.....	2,963	-----	2,250	713	2,250	2,250	75,000
State.....	336,139	26,740	273,180	26,346	281,306	248,392	\$4,359,616

COLORADO IRRIGATION STATISTICS

NOTE.—The 1930 census figures are preliminary and subject to correction.

COUNTY	Acreage irrigated			Acreage Enterprises Were Capable of Irrigating		
	1929	1919	Per Cent of Increase*	1930	1920	Per Cent of Increase*
Adams -----	67,121	66,407	1.1	112,822	68,065	65.8
Alamosa -----	140,945	89,805	57.0	155,705	168,625	—7.7
Arapahoe -----	29,527	25,674	15.0	30,497	26,137	16.7
Archuleta -----	16,145	11,933	35.3	19,291	13,289	45.2
Baca -----	2,819	2,287	23.3	3,779	12,020	—68.6
Bent -----	64,338	128,712	—50.0	65,122	133,372	—51.2
Boulder -----	162,294	159,781	1.6	184,762	174,736	5.7
Chaffee -----	26,955	29,623	—9.0	30,464	30,113	1.2
Conejos -----	121,397	139,504	—13.0	154,283	152,346	1.3
Costilla -----	48,272	36,771	31.3	109,957	43,906	150.4
Crowley -----	56,271	57,789	—2.6	69,971	58,735	19.1
Custer -----	34,249	24,241	41.3	36,145	33,548	7.7
Delta -----	112,827	93,509	20.7	141,035	127,469	10.6
Denver -----	892	4,000	—77.7	892	4,000	—77.7
Dolores -----	630	1,023	—38.4	710	2,361	—69.9
Douglas -----	6,474	8,696	—25.6	9,557	10,391	—8.0
Eagle -----	28,221	30,025	—6.0	31,925	31,073	2.7
Elbert -----	2,487	1,175	111.7	6,282	1,790	250.9
El Paso -----	20,693	18,143	14.1	33,911	22,047	53.8
Fremont -----	25,695	29,884	—14.0	32,047	35,697	—10.2
Garfield -----	69,844	73,473	—4.9	80,357	93,814	—14.3
Grand -----	28,369	39,857	—28.8	42,093	43,092	—2.3
Gunnison -----	41,874	48,280	—13.3	48,183	52,467	—8.2
Hinsdale -----	5,627	3,675	53.1	6,399	3,880	64.9
Huerfano -----	31,564	29,081	8.5	44,425	32,119	38.3
Jackson -----	118,180	136,942	—13.7	149,315	149,325	—0.0
Jefferson -----	58,204	70,788	—17.8	58,780	73,635	—20.2
Kit Carson -----	651	†	---	660	†	---
Lake -----	4,242	6,397	—33.7	4,242	7,088	—40.0
La Plata -----	95,444	63,755	49.7	118,188	78,227	51.1
Larimer -----	173,258	169,356	2.3	181,059	188,047	—3.7
Las Animas -----	32,342	40,400	—20.0	48,303	43,857	10.1
Logan -----	111,378	85,079	30.9	123,616	105,916	16.7
Mesa -----	137,528	102,607	34.0	179,019	140,104	27.8
Mineral -----	2,563	6,865	—62.7	3,172	9,950	—68.1
Moffat -----	18,138	17,439	4.0	30,091	24,224	24.2
Montezuma -----	62,561	44,083	41.9	84,088	44,795	87.7
Montrose -----	84,648	94,757	—10.7	105,690	123,905	—14.7
Morgan -----	105,277	132,231	—20.4	115,333	153,796	—25.0
Otero -----	88,083	120,198	—26.7	106,168	124,879	—15.0
Ouray -----	20,401	14,016	45.6	23,431	23,092	1.5
Park -----	43,963	49,793	—11.7	45,495	52,029	—12.6
Pitkin -----	17,461	12,994	34.4	25,118	15,172	65.6
Prowers -----	112,514	76,322	47.4	127,835	81,508	56.8
Pueblo -----	69,944	75,454	—7.3	98,732	88,699	11.3
Rio Blanco -----	30,018	28,046	7.0	34,438	32,742	5.2
Rio Grande -----	159,415	206,258	—22.7	174,221	227,167	—23.3
Routt -----	59,580	50,735	17.4	78,890	61,123	29.1
Saguache -----	165,000	137,581	19.9	180,000	153,391	17.3
San Miguel -----	18,054	18,634	—3.1	21,466	22,811	—5.9
Sedgwick -----	22,375	21,510	4.0	23,985	23,050	4.1
Summit -----	9,204	9,831	—6.4	11,354	10,986	3.4
Teller -----	550	1,464	—62.4	630	1,540	—59.1
Washington -----	11,120	9,335	19.1	11,705	10,095	15.9
Weld -----	444,702	382,701	16.2	500,562	395,444	26.6
Yuma -----	2,725	8,254	—67.0	3,805	10,182	—62.6
All Other -----	969	1,212	---	2,068	3,477	---
Total -----	3,426,022	3,348,385	2.3	4,122,073	3,855,348	6.9

*Minus sign denotes decrease.

†Included in "All Others."

RELATED RUNOFF FOR COLORADO STREAMS

Period October 1, 1929, to September 30, 1930

(Compiled by the State Engineer)

STREAM	Total Runoff		July to Sept. (Inclu.)		Years Record
	Acre-Feet	Per Cent of Mean	Acre-Feet	Per Cent of Mean	
South Platte River at So. Platte (1)-----	301,200	106	150,200	146	39
Clear Creek near Golden-----	156,200	84	55,300	83	21
St. Vrain at Lyons-----	58,800	57	32,400	92	41
Cache La Poudre at Mouth Canon-----	222,000	69	82,200	92	47
Arkansas River at Canon City-----	489,300	89	160,300	96	43
Purgatoire River at Trinidad-----	73,100	99	42,700	138	23
Rio Grande near Del Norte (1)-----	597,500	82	157,800	87	41
Saguache Creek near Saguache-----	34,600	53	15,600	84	20
Conejos River near Mogote-----	214,200	75	37,900	61	28
Colorado River at Glenwood Springs (2)-----	2,111,600	91	498,000	91	31
Fraser River near West Portal (2)-----	32,300	96	9,500	95	20
Blue River near Dillon (2)-----	82,500	86	29,400	95	20
Dolores River at Dolores-----	305,100	89	53,200	100	21
Yampa River at Steamboat Springs-----	340,600	90	34,800	83	24
White River near Meeker-----	485,700	100	99,900	101	27

(1) Corrected for storage.

(2) Stations maintained by State Engineer's office in co-operation with the United States Geological Survey.

United States Reclamation Projects

THERE are in Colorado two great irrigation systems constructed by the United States reclamation service for the irrigation of arid lands in Mesa, Montrose and Delta counties, on the Western Slope. These two projects, which eventually will bring under irrigation approximately 135,000 acres, will represent a total investment of \$11,000,000. At the present time they are maintaining a population of 6,792 on the farms, and including the towns within the districts, the population is well above 15,000.

The estimated farm value of the crops in recent years is as follows:

1928	\$2,817,798
1929	2,785,257
1930	2,078,435

The area farmed in 1930 was approximately 78,000 acres. Within their limits were 5,270 horses, 5,929 dairy cattle, 5,013 beef cattle, 9,416 swine, 13,798 sheep and 120,803 poultry.

More detailed information concerning each of the two projects is contained in the following data, obtained from the superintendent of each.

THE UNCOMPAGHGRE PROJECT

The area irrigated under this project lies in Montrose and Delta counties at an elevation of 4,900 feet above sea level at the lower end and ranging up to 6,400 feet at the upper end. The water is secured by diversion from the Uncompahgre river, supplemented by water from the Gunnison river diverted through the Gunnison tunnel into the Uncompahgre valley. The system is complete and represents an expenditure of approximately \$6,713,584. The water supply is considered adequate for the acreage to be irrigated.

A total of 59,998 acres was farmed under the project in 1930, and total crop production was valued at \$1,606,250. The principal crops in the order of their importance were as follows: Alfalfa, wheat, potatoes, sugar beets, oats, corn, onions, apples and beans. Based on irrigable acreage, the average size of farms under the project is 38.0 acres, and based on acreage actually irrigated, 31.6 acres. The livestock census within the area showed 4,270 horses, 4,928 dairy cattle, 4,951 beef cattle, 8,295 swine, 12,380 sheep and 98,636 hens and other poultry.

The farm population of the project is estimated at 5,616 and the town population, including Montrose, Olathe and Delta, at 7,888—a total population of 13,504 people wholly or partially dependent upon the irrigation of lands within its limits. The assessed valuation of all real and personal property in the project was about \$6,000,000 in 1930.

There are only a few acres of government homestead land available in the project, but privately owned lands may be secured by purchase. The United States government exercises no restriction relative to the sale of such privately owned lands except that water rights for such land cannot be granted in excess of 160 irrigable acres. The terms upon which such land can be purchased depend entirely upon the individual transaction, and the price is based largely on the improvements, type of soil and location. The general character of the available land ranges from fair to excellent, two types of soil prevailing. On the west side of the Uncompahgre river the land consists generally of sandy loams, underlaid with gravel, while on the east side of the river the adobe type of soil predominates.

The approximate cost per acre for irrigation water is fixed by the adjusted cost of the project, the rate fixed at present being \$52.00 for what is known as Class 1 land. In accordance with legislation passed by Congress on May 25, 1926, a contract was executed by the members of the Uncompahgre Valley Water Users association, providing for a reduction in the total cost per acre from \$70.00 per acre to \$52.00 per acre, and the term of payments is extended over a period of 40 years from December 1, 1922, instead of over a period of 20 years, as had been in effect.

Operation and maintenance charges in effect for 1931 provide for a minimum charge of \$1.80 per acre annually for lands on the west side of the Uncompahgre river, entitling such lands to four acre-feet of water, and a minimum charge of \$1.35 per acre annually for lands on the east side of the Uncompahgre river, entitling such lands to three acre-feet of water. Excess water over these amounts is furnished at the rate of 45 cents per acre-foot.

Inquiries concerning the lands within the project should be addressed to the Project Superintendent, Uncompahgre Project, Montrose, Colorado.

THE GRAND VALLEY PROJECT

The area irrigated under this project lies in Mesa county, near Grand Junction, at an elevation of 4,700 feet. Water is secured by direct diversion from the Colorado river. The project will cost approximately \$4,500,000 when completed. It includes the gravity division, now 98 per cent complete, and the pumping division, on which little construction work has been undertaken. The supply of water is adequate for the acreage to be irrigated.

Approximately 18,000 acres of the gravity division is now being farmed, and in 1930 produced crops with a value of \$472,185, or an average of \$31.27 per acre cropped. The principal products were alfalfa, sugar beets, beans, tomatoes, potatoes and grains. The livestock census for 1930 shows that there were on this area 1,000 horses and mules, 62 beef and 1,001 dairy cattle, 1,418 sheep, 1,121 swine, 5,867 turkeys and 16,300 hens. There are 275 families, with a total population of 1,176 residing on the farms.

At the present time there are 3,000 acres of government homestead land within the gravity division of the project and 3,800 acres within the pumping division, but none of the acreage is open to filing at this time. It is estimated that there are 3,000 acres of privately owned land within the gravity division and 4,700 acres under the pumping division which can be purchased with a small cash payment and liberal terms on the balance. The land is generally of good quality.

The cost of the water right for these lands has been established by contract with the United States at \$83.45, probably reduced by certain credits and payable over a period of 40 years without interest. The average maintenance charge is \$2.75 per acre annually, subject to change as operation and maintenance costs fluctuate.

In addition to this project the reclamation bureau has just completed the reconstruction of the irrigation system for an area of 10,000 acres of land in the Orchard Mesa irrigation district. A total expenditure of nearly \$1,000,000 insures an adequate and dependable water supply for the highly fertile land, of which more than one-half is now in a high state of cultivation, nearly 3,500 acres being idle. This district offers unusual opportunities for fruit growing and general farming.

Inquiries concerning these lands should be addressed to the Project Superintendent, Grand Valley Project, Grand Junction, Colorado.

Climatological Data

COLORADO is noted for its rare and exhilarating atmosphere. Visitors arriving in the state from low altitudes often feel a tendency to run, jump and indulge in other exercises. This is due to the fact that the atmosphere exerts less pressure against the body than in localities where it is more dense. The feeling is very much like that of having a load lifted from the body, and that is, in fact, what takes place.

Normal atmospheric pressure at sea level is 14.7 pounds to the square inch. In other words, that is the pressure exerted against the body by the weight, or density, of the atmosphere. The greater the altitude above sea level, the lighter becomes the pressure. The atmospheric pressure in Denver is only 83 per cent of that at sea level, or 12.2 pounds to the square inch. Denver is 5,280 feet above sea level. Wagon Wheel Gap is 9,200 feet above sea level. Atmospheric pressure at that point is only 72 per cent of that at sea level, or 10.5 pounds to the square inch. Denver's atmospheric pressure is 85 per cent of that at Indianapolis, Springfield and points of approximately the same altitude, and only 84 per cent of the average of the eight principal cities approximately on the same parallel due east from Denver to the sea coast.

A person breathes more deeply in a light atmosphere than in a locality where it is more dense, in order to fill the lungs with the quantity of oxygen necessary for the body. This is done automatically, without conscious effort, and causes all parts of the lungs to expand to full capacity. That is why climatic conditions in Colorado are considered especially beneficial to persons with a tendency toward pulmonary troubles. In lower altitudes parts of the lungs may lie dormant in persons of sedentary habits and thereby become susceptible to disease.

TEMPERATURE

There is a wide variation in the normal monthly and annual mean temperature in different areas of the state, due to the high and low altitudes and other factors. It is apparent to a casual observer that it is much colder upon the top of a high mountain than in the lower plains. Altitude, therefore, is one factor. Exposed areas are more susceptible, also, to varying

conditions than areas protected from severe winds by surrounding mountains. Because of these varying conditions, a general statement concerning the temperature of the state conveys little meaning. A table is published in this volume showing monthly and annual mean temperatures at 78 stations in as many different localities, which affords more comprehensive information upon the subject.

The weather-reporting station of lowest mean annual temperature is at Fraser, in Grand county, where the yearly average is 31.9 degrees, and the highest mean temperature is recorded at Lamar, in Prowers county, where the annual average is 54.4. At Fraser the month of January shows an average of 11.6 degrees, compared with 31.2 degrees at Lamar, while July averages 53.2 degrees, compared with 77.8 degrees at Lamar.

HUMIDITY

Relative humidity of the atmosphere has no effect on the temperature but does have an important effect on the sensitiveness of the human body to the temperature. Colorado has a relatively low humidity and for that reason a person does not feel cold weather to as great an extent as he would in a place where the humidity is high. Relative humidity is the ratio of the vapor actually present in the atmosphere to the greatest amount the air could possibly contain at a given temperature. Complete saturation is designated as 100 per cent humidity. Relative humidity at Denver over a period of 53 years averages 53 per cent. In other words, the air at Denver contains just a little more than half of the moisture it could possibly contain.

Out of 70 typical cities of the United States, Denver has the lowest relative humidity of all of them with five exceptions. These are Phoenix, Arizona, 42 per cent; Santa Fe, New Mexico, 49 per cent; Winnemucca, Nevada, 52 per cent; El Paso, Texas, 40 per cent; and Salt Lake City 52 per cent. Denver's 53 per cent compares with some of the other cities as follows: Albany, 75 per cent; Atlanta, 72 per cent; Boston, 71 per cent; Chicago, 74 per cent; Galveston, 81 per cent; Kansas City, 64 per cent; Omaha, 69 per cent; Los Angeles, 64 per cent; San Francisco, 80 per cent.

Moist air is cold air, and moisture in

the air takes heat away from the body. The greater the amount of moisture in the air, the colder a given temperature will feel. That explains why the people residing in Colorado do not feel cold temperature to as great an extent as people residing in areas of relative high humidity.

SNOWFALL IN THE MOUNTAINS

Visitors to the high mountain passes in Colorado in the spring and early summer are often surprised by the enormous banks of snow which they may observe. These snow banks are of almost incalculable value not only to Colorado but to adjoining states. They are mostly deposited during the winter months and form a moisture reserve that feeds numerous small streams flowing in all directions. These streams combine into creeks which broaden out into rivers that flow into the Pacific ocean and the Gulf of Mexico, forming the principal rivers in Wyoming, Nebraska, Kansas, New Mexico and Utah.

The quantity of snow required to maintain the flow of these streams during the entire year as it gradually melts is difficult to comprehend. Some idea may be formed, however, from the measurements of river discharges, made by the government. The Arkansas river had a mean or average discharge of 786 cubic feet of water per second at Pueblo over a period of about nine years. That is equal to an average of approximately 21,236,000 gallons of water an hour, and the Arkansas is only one of the numerous rivers which have their origin in the mountains of Colorado.

The area of greatest snowfall in Colorado, as shown by actual measurements under the direction of the weather bureau, is at Wortman, in Lake county, at an altitude of 11,250 feet above sea level. The average annual snowfall at that point over a period of 10 years was 276.5 inches, or a fraction more than 23 feet a year. The snow drifts into canons and ravines, where it packs and is gradually released by the warm sun during the spring and summer months.

At Fairview, in Custer county, elevation 9,500 feet, the annual snowfall averages 241.6 inches. Lake Moraine, in El Paso county, 10,265 feet above sea level, is in a district where the snowfall has averaged 160.2 inches a year for a period of twenty-one years. Cumbres pass, in Conejos county, at an elevation of 10,015 feet, which is

traversed by a railroad, averaged 217.9 inches over a period of eight years. Silverton, San Juan county, elevation 9,285 feet, averaged 223.2 inches for a period of six years. Telluride, San Miguel county, elevation 8,800 feet, averaged 171.0 inches for nine years. Breckenridge, in Summit county, elevation 9,534 feet, averaged 183.8 inches a year over a period of nineteen years.

GLACIERS

The snow which falls in the mountains during the winter does not all melt in the following summer. When it packs hard in the ravines and remains for many years it forms glaciers. Colorado has a number of glaciers, one of the largest being the Arapahoe glacier at the crest of the Continental Divide between North and South Arapahoe peaks at an altitude of 13,500 feet, in the Colorado national forest. In a former geological age it extended down towards the plains but now is about a mile wide. It flows at the rate of 27½ feet per year and its melting gives rise to a chain of beautiful lakes in the valley below. The St. Vrain glacier, on the east side of Mt. Hiamova, is supposed to contain the oldest ice of the group—that melting in current years having been deposited as snow many centuries ago.

DENVER WEATHER CONDITIONS

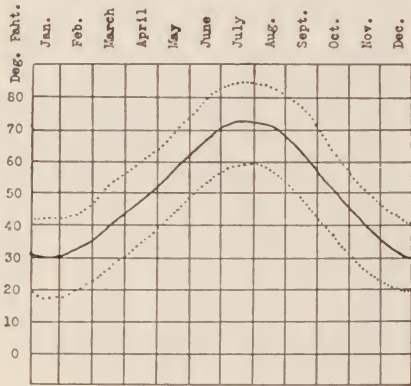
Denver, being close to the center of the state and of approximately the same altitude as the principal cities, furnishes a fairly accurate index of weather conditions in Colorado. J. M. Sherier, meteorologist of the United States weather bureau, has compiled a chart showing average climatic data for Denver from 1872 to 1925, inclusive, a period of 53 years. The average temperature in degrees Fahrenheit for the 53 years is as follows:

Month	Max.	Min.	Average
January	43	18	30
February	44	20	32
March	52	27	39
April	60	35	47
May	69	44	56
June	80	53	67
July	85	59	72
August	84	58	71
September	77	49	63
October	64	38	51
November	52	27	40
December	44	20	32
Year	63.0	37.2	50.1

The highest temperature recorded in Denver during the 53 years was in August, 1878, when the thermometer registered 105 degrees, and the lowest

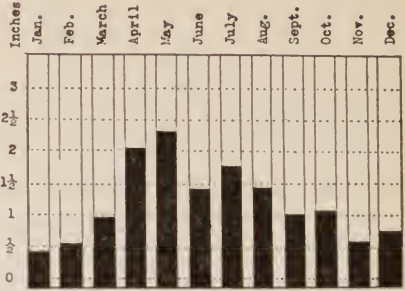
was in January, 1875, when the temperature dropped to 29 degrees below zero. The thermometer never reached zero from April to September, inclusive, in the 53 years, and went below zero in October only once, in 1917, when it dropped to 2 degrees below. In 1888 the thermometer rose to 76 degrees in January.

The following chart shows the average maximum and minimum mean temperature over a period of 53 years, the solid black line being the average by months, and the dotted lines above and below, the maximum and minimum mean temperature by months.

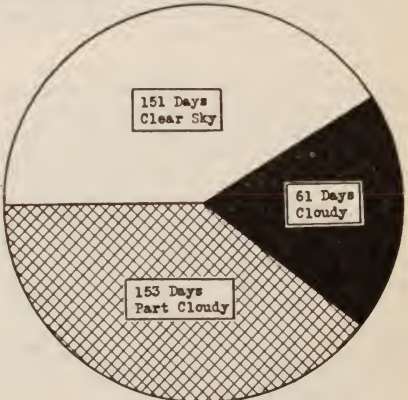


The average yearly rainfall in Denver during the 53 years was 14.27 inches. January is the driest month of the year, with February, November and December following in the order named, the precipitation averaging 1 inch or less per month six months out of the year. April and May are the months of greatest precipitation, with July, August and June following in the order named. The maximum precipitation recorded in any 24-hour period during the 53 years was 6.53 inches in May, 1876, and the maximum for any year was 22.96 inches, in 1909. The average snowfall is 54.2 inches, March, December and April being the months showing the heaviest records.

On July 14, 1912, a total of 0.91 inch of rain fell in Denver in five minutes, the absolute maximum over a period of 29 years. On the same day 1.36 inches fell in ten minutes, 1.54 inches in 15 minutes and 1.72 inches in 30 minutes. A rainfall of 2.20 inches in one hour occurred on May 23, 1921. The following chart shows the average monthly precipitation in inches for the period of 53 years.



The sun shines 67 per cent of the time in Denver as shown by the records over a period of 53 years. The sky is clear on an average of 151 days out of every 365 and is cloudy only 61 days. It is partly cloudy 153 days in the year. The following chart shows the proportionate division of the year between clear, cloudy and partly cloudy days:



VELOCITY OF WINDS

The average velocity of winds in Colorado as computed by the United States weather bureau from measurements taken at stations named, in miles per hour, is as follows:

Denver	7.4
Pueblo	7.2
Wagon Wheel Gap.....	6.3
Durango	5.6
Grand Junction.....	5.4
Las Animas.....	7.9
Pikes Peak.....	20.7

The average velocity of the wind in Denver is 7.4 miles per hour, the prevailing direction being from the south. March and April are the windiest months, the average being 8.2 and 8.4 miles per hour.

Revised weather bureau records show that the highest velocity ever recorded in Denver was 60 miles an hour, on August 6, 1877. Wind with a velocity

of 3 to 5 miles an hour is classed as light air; of 10 miles an hour, a light breeze; of 20 miles an hour, a gentle breeze; of 70 miles an hour, a storm; and 80 miles an hour, a hurricane. Under this classification, it will be observed that the wind of August 6, 1877, did not quite reach the velocity of a storm. The force of that storm was approximately 15,000 pounds per square foot. The wind traveled at the rate of about 5,300 feet a minute.

GROWING SEASONS

The records of the weather bureau show that Grand Junction has the longest growing season recorded anywhere in the state, the period between first and last frosts in that district averaging, over a period of 20 years, 184 days. In Canon City the average growing season is 163 days; in Boulder,

165; in Denver, 158; in Lamar, 168, and in Pueblo, 165. These are the regions of longest periods between late and early frosts, but in many of the higher altitudes, where the growing season is seemingly too short to make agriculture possible, crop growth is remarkably rapid and many of the crops mature in considerably less time than is required in other regions. This is true of potatoes, small grains, head lettuce and similar crops. While there are limited districts in the state where irrigation water is not available and the rainfall is not sufficient to carry crops through a long, warm summer, in most sections except the southwest proper soil treatment and the planting of crops which experience has shown to require comparatively little moisture have made non-irrigated farming highly successful.

RELATIVE HUMIDITY OF 24 TYPICAL CITIES IN THE U. S.

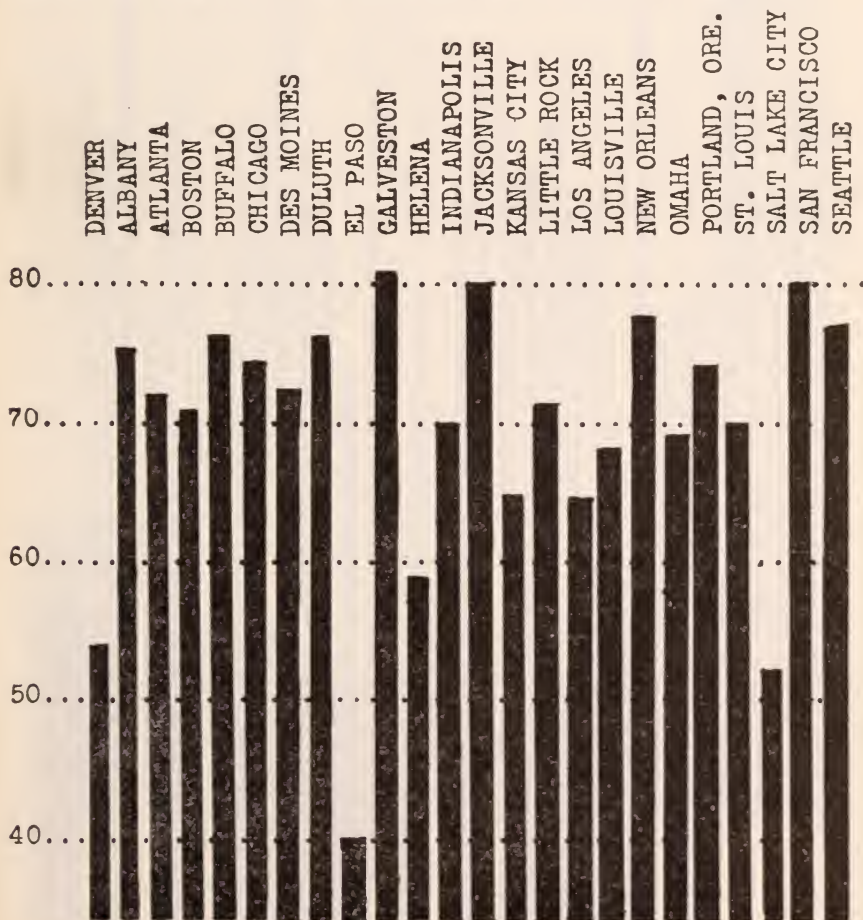
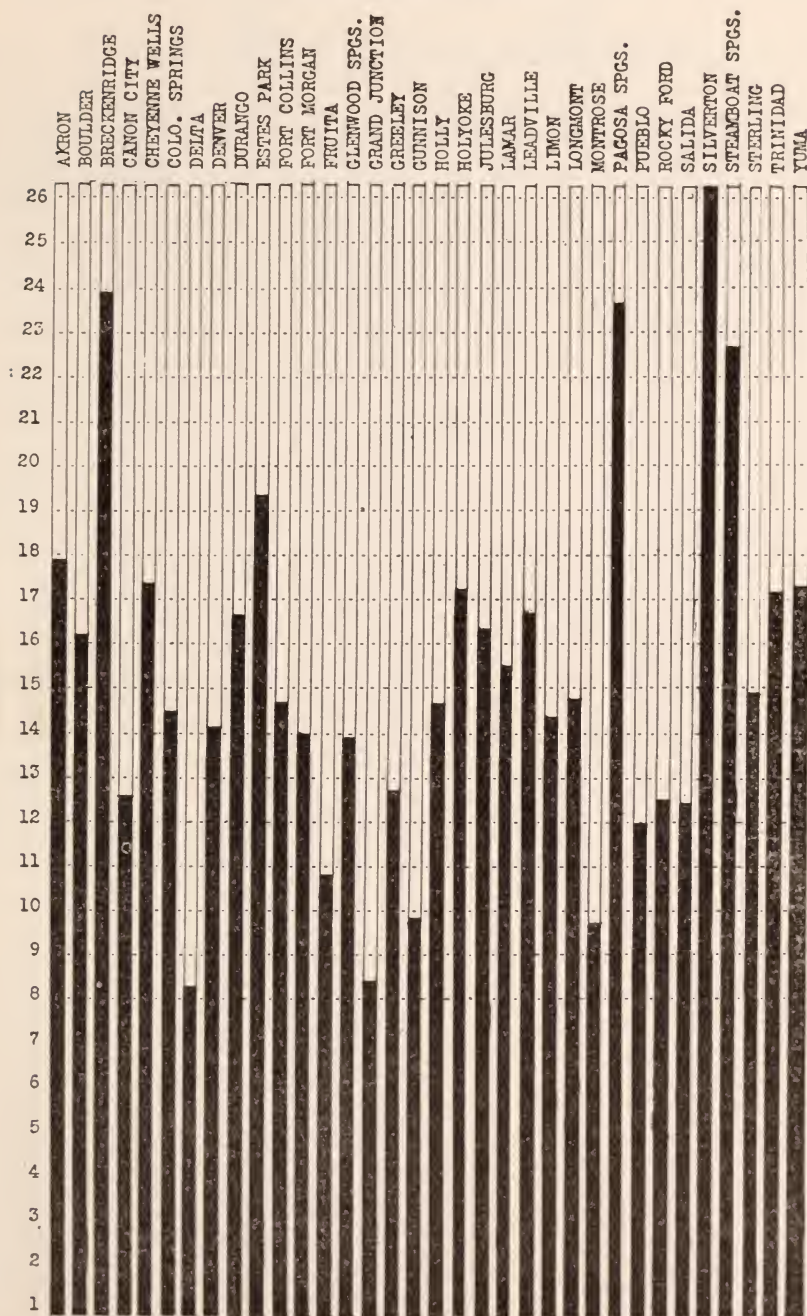


CHART SHOWING AVERAGE ANNUAL RAINFALL IN INCHES
IN 34 CITIES AND TOWNS



NORMAL MONTHLY AND ANNUAL MEAN TEMPERATURE IN DEGREES FAHRENHEIT
(From the Records of the U. S. Weather Bureau)

PLACE	COUNTY	Length of Record, Years*	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Arriba	Lincoln	--	27.2	29.4	37.6	46.0	54.8	65.0	70.6	69.8	61.8	51.2	38.9	26.9	48.2
Boulder	Boulder	32	33.0	32.6	40.4	48.2	56.4	66.0	70.8	70.6	63.2	52.2	42.2	38.8	50.8
Breckenridge	Summit	--	15.4	15.6	22.4	30.0	39.0	48.6	53.4	53.0	46.6	35.9	25.6	15.2	33.4
Buena Vista	Chaffee	--	22.2	25.7	33.0	38.2	48.4	55.6	59.9	58.3	51.9	42.0	31.9	20.9	40.6
Burlington	Kit Carson	23	27.8	31.4	40.2	47.6	57.5	68.4	73.6	72.5	64.8	52.0	40.6	29.0	50.4
Calhan	El Paso	21	27.2	27.6	35.6	41.9	51.0	62.0	67.2	66.0	59.2	47.4	36.2	26.6	45.7
Canon City	Fremont	34	35.3	35.2	42.9	50.0	57.4	66.1	72.9	72.3	64.3	53.1	43.4	35.9	52.4
Castle Rock	Douglas	30	28.2	28.8	36.0	43.8	52.8	62.4	67.2	68.0	62.2	47.4	37.0	28.0	46.8
Cedaredge	Delta	26	26.0	29.9	38.6	47.0	55.2	63.9	69.8	68.4	60.4	49.2	38.2	26.9	47.8
Cheyenne Wells	Cheyenne	31	28.0	30.0	39.4	48.6	58.1	68.4	73.7	72.8	64.8	52.4	39.5	28.0	50.3
Collbran	Mesa	26	22.8	28.4	37.0	45.4	53.6	62.6	68.3	67.2	59.3	47.8	36.4	24.3	46.1
Colorado Springs	El Paso	34	30.0	29.6	37.5	44.6	53.1	62.0	67.0	66.2	59.6	48.8	38.7	30.6	47.3
Cope	Washington	--	29.2	28.0	38.5	48.5	56.2	67.2	72.3	72.2	63.6	50.9	38.3	28.9	49.5
Crawford	Montrose	--	25.1	26.9	35.2	42.9	52.0	61.9	67.8	65.9	58.4	48.2	37.2	25.4	45.6
Crested Butte	Gunnison	17	11.4	15.0	23.4	31.1	42.1	51.4	55.6	53.7	46.2	36.2	25.0	12.0	33.6
Delta	Delta	33	24.5	31.6	41.8	50.5	59.0	68.0	74.0	71.5	62.6	50.4	38.8	25.6	49.6
Denver	Denver	56	29.8	32.7	39.3	47.1	56.2	66.3	72.2	70.7	62.9	51.2	39.8	32.3	50.0
Durango	La Plata	34	24.5	29.9	37.5	46.4	55.0	62.7	68.7	66.3	58.2	48.9	37.2	28.3	47.0
Eads	Kiowa	16	29.0	31.8	42.0	48.4	59.9	71.0	76.1	74.3	66.2	52.6	40.0	28.9	51.6
Fort Collins	Larimer	33	26.2	27.4	36.0	44.8	53.8	63.1	68.0	67.5	59.2	48.0	36.1	27.2	46.4
Fort Morgan	Morgan	29	24.1	27.8	35.7	46.7	56.4	66.6	73.1	71.0	62.0	49.2	36.6	25.3	47.9
Fraser	Grand	18	11.6	14.2	21.2	30.0	39.4	48.2	53.2	51.2	45.0	34.4	23.0	12.2	31.9
Fremont (Exp. Sta.)	El Paso	17	25.4	23.5	29.6	33.6	43.2	53.2	57.7	56.2	50.6	40.4	32.6	25.2	39.3
Fruita	Mesa	26	21.4	30.3	42.6	50.0	58.4	68.1	74.2	72.8	63.5	51.1	37.8	25.0	49.6
Garnett	Alamosa	29	17.2	23.8	32.8	41.2	49.2	58.6	62.6	61.2	54.5	43.1	30.7	20.2	41.2
Greenwood Springs	Garfield	24	22.6	27.1	37.3	45.0	52.6	60.6	65.5	65.0	57.9	47.1	35.8	23.8	45.0
Grand Junction	Mesa	36	21.0	32.9	43.6	52.4	61.1	71.4	77.7	75.4	66.2	52.8	39.3	27.5	52.0
Grand Valley	Garfield	26	24.7	29.9	40.0	49.3	57.8	66.0	71.2	69.9	61.5	49.0	37.6	24.8	48.5
Greeley	Weld	33	26.0	27.8	38.0	47.4	56.8	66.6	70.9	70.0	61.2	49.1	36.6	26.0	48.0
Grover	Weld	17	24.2	26.8	34.6	42.0	52.0	62.6	68.6	68.6	58.9	47.2	35.4	25.0	45.4
Gunnison	Gunnison	34	7.2	12.4	25.6	39.2	47.6	57.6	61.4	59.8	52.0	41.4	27.6	10.8	36.9
Hamps	Elbert	--	27.0	27.5	36.0	44.9	53.4	62.4	67.6	66.8	58.8	47.4	36.3	27.0	46.2
Hermit	Hinsdale	16	11.8	14.6	20.5	28.9	43.3	47.5	52.8	51.1	45.0	36.0	25.4	13.0	32.5
Hoehne	Las Animas	--	32.2	33.2	40.8	48.4	56.7	66.8	71.4	70.2	63.2	52.3	42.4	31.1	50.8
Holly	Prowers	25	31.1	33.7	44.0	52.1	62.2	72.0	76.9	76.0	68.8	56.0	42.4	30.5	53.8
Holyoke	Phillips	--	27.6	26.8	37.2	47.2	57.2	66.9	73.1	71.8	62.8	50.0	39.0	26.8	48.8
Husted	El Paso	--	28.4	29.4	36.2	44.8	53.2	60.9	66.4	66.4	59.3	47.6	37.4	30.0	46.6
Idaho Springs	Clear Creek	24	28.0	28.3	34.4	39.8	48.2	58.3	63.0	62.0	55.3	45.0	35.1	23.0	43.8
Lamar	Prowers	34	31.2	33.8	44.8	53.4	61.9	73.4	77.8	76.8	68.9	55.7	42.4	32.2	54.4
Las Animas	Bent	41	28.0	29.2	42.1	51.4	61.8	76.0	72.8	66.1	53.2	40.2	29.7	16.9	51.8
Lay	Moffat	30	18.4	20.8	32.1	41.4	49.8	59.4	66.6	65.0	55.6	44.1	32.8	20.6	42.1
Leadville	Lake	22	17.4	18.6	24.1	30.8	39.9	49.5	55.2	53.8	47.4	36.9	27.3	18.2	34.9
LeRoy	Logan	28	26.8	28.0	36.6	45.2	55.2	65.4	71.7	71.2	63.0	50.2	37.2	28.0	48.2
Limon	Lincoln	--	26.4	32.1	37.0	43.9	53.2	63.6	69.4	67.9	60.6	49.2	37.5	26.5	47.3
Longmont	Boulder	21	26.6	29.0	38.0	46.1	56.0	65.6	69.8	68.8	60.1	48.0	36.6	26.4	47.6
Manassa	Conejos	22	20.9	25.7	34.5	41.0	49.4	59.0	62.8	61.2	54.7	43.8	32.6	21.0	42.2
Mancos	Montezuma	--	25.5	29.1	36.8	44.4	51.5	61.2	66.2	65.0	57.6	47.3	37.9	26.5	45.8
Meeker	Rio Blanco	--	20.5	24.0	34.2	43.0	51.1	59.2	64.8	63.4	55.2	44.1	33.2	20.9	42.8
Montrose	Montrose	34	24.1	31.4	40.4	47.6	57.6	65.2	70.6	68.4	61.0	49.0	37.0	26.4	48.2
Monument	El Paso	17	27.1	28.0	33.4	39.3	49.5	59.0	64.4	62.8	56.0	45.5	35.3	27.8	44.0
Nast	Pitkin	--	16.3	18.6	25.8	33.8	43.5	52.8	57.1	55.8	49.1	39.2	28.4	17.1	36.4
Pagoda	Routt	--	21.1	22.4	32.4	42.2	49.6	57.4	63.8	63.4	55.5	44.6	33.0	21.0	42.2
Parosa Springs	Archuleta	--	19.8	22.2	34.2	42.0	47.9	56.4	63.4	61.8	55.0	43.2	32.8	18.4	41.6
Palisades	Mesa	15	22.6	33.2	42.2	51.6	60.6	69.7	76.2	74.6	65.7	50.6	39.9	28.8	51.4
Paonia	Delta	23	25.6	31.6	40.4	47.8	55.8	65.2	70.9	69.2	61.6	50.3	39.8	27.4	48.8
Pueblo	Pueblo	39	29.9	32.9	41.6	50.1	59.2	69.0	74.2	72.7	64.6	52.0	39.4	31.5	51.4
Rangely	Rio Blanco	--	15.2	20.4	34.6	46.7	53.8	63.4	69.8	64.4	58.6	46.3	33.0	17.4	44.0
Redvale	Montrose	--	22.6	28.3	36.4	44.5	54.0	63.2	68.0	66.4	58.6	47.3	36.8	25.4	46.0
Rifle	Garfield	--	23.1	28.8	37.4	47.4	55.4	65.1	70.7	69.2	61.0	49.0	38.0	25.6	47.6
Rocky Ford	Otero	34	30.2	32.5	42.4	51.2	60.7	70.3	74.7	73.4	65.5	53.2	40.4	31.2	52.2
Rough Ranch	Larimer	19	26.2	26.1	32.5	37.8	46.6	56.3	60.9	59.5	52.7	43.6	34.6	26.0	41.9
Saguache	Saguache	28	21.5	27.0	35.4	44.3	52.0	60.8	65.5	63.9	57.0	46.8	34.8	22.4	44.2
Salida	Chaffee	23	27.4	29.8	36.5	43.4	51.0	60.0	65.0	63.6	56.6	46.2	36.6	27.1	45.3
San Luis	Costilla	23	21.0	25.8	34.2	41.7	49.3	57.8	62.4	61.4	54.8	44.4	33.2	22.5	42.4
Sapinero	Gunnison	23	15.2	18.9	27.6	36.8	45.3	53.9	59.1	58.0	51.0	40.6	29.6	17.4	37.8
Sedgwick	Sedgwick	--	25.2	28.2	38.4	47.0	57.2	68.0	73.6	71.3	62.8	50.5	37.3	24.2	48.6
Silverton	San Juan	21	16.2	17.9	24.1	31.2	40.0	48.9	55.1	52.8	46.6	37.7	26.6	16.8	34.5
Spicer	Jackson	23	18.1	21.1	26.1	35.3	43.2	54.2	59.6	57.5	49.7	38.5	29.0	17.8	37.5
Steamboat Springs	Routt	23	14.8	17.6	26.8	39.0	48.6	55.7	60.7	59.0	52.3	41.3	28.5	17.7	38.5
Sterling	Logan	18	24.1	28.9	38.0	46.9	56.6	67.2	72.2	70.2	62.2	49.3	37.0	24.2	48.2
Telluride	San Miguel	--	21.4	23.6	28.2	36.2	45.4	54.0	58.8	57.0	51.2	41.3	31.5	23.0	39.3
Trinidad	Las Animas	24	34.0	35.4	42.2	48.3	57.4	66.5	71.0	69.9	63.0	52.8	41.9	34.0	51.4
Two Buttes	Baca	29	31.4	32.6	42.5	51.4	61.1	71.2	76.2	75.2	67.6	55.1	42.8	33.2	53.2
Victor	Teller	24	25.1	25.7	30.4	35.4	43.8	54.2	58.0	57.3	51.8	41.9	33.0	25.4	40.2
Wagon Wheel Gap	Mineral	--	14.2	17.4	25.6	34.2	42.4	51.0	56.6	54.6	48.1	37.6	26.8	14.2	35.2
Waterdale	Larimer	23	29.2	29.2	38.5	46.4	54.3	63.6	68.2	68.2	60.5	49.6	38.8	29.4	48.0
Westcliffe	Custer	--	24.7	26.4	33.2	40.5	48.9	58.2	61.3	61.4	54.8	43.6	33.6	23.8	42.6
Wray	Yuma	28	29.2	30.4	39.8	48.8	59.0	69.4	74.4	73.1	64.4	51.8	39.4	29.5	50.8

*Period of years figured to 1930.

NORMAL MONTHLY AND ANNUAL PRECIPITATION IN INCHES

(From the Records of the U. S. Weather Bureau)

PLACE	COUNTY	Length of Record, Years*	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Akron	Washington	1	0.32	0.52	1.10	2.47	2.72	2.45	2.57	2.03	1.49	1.04	0.58	0.62	17.91
Arriba	Lincoln	10	0.12	0.57	0.70	2.15	2.05	2.02	2.70	2.50	1.67	1.21	0.41	0.89	16.99
Auldurst	Teller	18	0.40	0.77	1.05	2.29	1.72	2.04	3.83	2.94	1.75	0.88	0.60	0.86	19.18
Boulder	Boulder	35	0.40	0.76	1.40	2.81	1.14	1.41	2.14	1.46	1.50	1.52	0.75	0.83	16.12
Breckenridge	Summit	1	1.79	2.48	2.58	2.76	2.04	1.08	3.37	2.24	1.43	1.45	1.63	2.03	23.93
Buena Vista	Chaffee	13	0.43	0.67	0.61	0.82	0.74	0.57	1.63	1.31	0.69	0.73	0.49	0.50	9.19
Burlington	Kit Carson	38	0.27	0.46	0.80	2.12	2.19	2.83	2.77	2.59	1.33	0.92	0.46	0.61	17.35
Calhan	El Paso	21	0.38	0.67	0.67	2.20	1.91	1.68	2.91	2.97	1.27	0.82	0.57	0.76	16.81
Canon City	Fremont	39	0.37	0.59	0.81	1.67	1.60	1.14	1.86	1.88	0.82	0.84	0.52	0.54	12.64
Castle Rock	Douglas	36	0.45	0.66	1.13	2.26	2.40	1.85	2.71	2.15	1.15	1.19	0.54	0.82	17.31
Cedaredge	Delta	26	0.92	1.03	1.22	1.00	1.14	0.62	0.82	1.01	1.22	1.11	0.61	0.80	11.60
Cheyenne Wells	Cheyenne	34	0.31	0.53	0.79	1.99	2.14	2.60	2.98	2.57	1.35	0.85	0.46	0.61	17.18
Collbran	Mesa	35	1.26	1.18	1.64	1.62	1.49	0.78	1.18	1.53	1.48	1.11	1.04	1.15	15.46
Colorado Springs	El Paso	48	0.23	0.39	0.67	1.74	2.25	1.89	2.86	2.12	1.03	0.60	0.34	0.31	14.43
Columbine	Routt	17	1.99	2.69	2.35	2.13	1.96	1.07	1.77	1.48	1.88	1.48	1.39	2.43	22.62
Cope	Washington	29	0.37	0.60	1.21	2.59	3.15	3.01	2.82	2.10	1.25	0.96	0.52	0.64	19.22
Crawford	Montrose	9	0.77	0.53	0.55	0.84	0.93	0.81	1.20	1.15	1.20	1.11	0.83	0.81	10.73
Crested Butte	Gunnison	18	3.44	2.57	2.76	2.16	1.79	1.26	1.95	1.54	1.68	1.56	1.81	2.88	25.40
Delta	Delta	40	0.60	0.52	0.69	0.65	0.83	0.34	0.85	0.91	0.87	0.76	0.58	0.60	8.20
Denver	Denver	56	0.42	0.49	1.00	2.17	2.54	1.47	1.62	1.34	0.89	0.96	0.52	0.60	14.02
Durango	La Plata	35	1.28	1.39	1.46	1.14	1.14	0.78	1.55	1.79	1.85	1.75	1.14	1.40	16.67
Eads	Kiowa	17	0.22	0.47	0.37	1.46	0.99	1.73	2.58	1.24	0.86	1.21	0.36	0.38	12.97
Estes Park (F.H.)	Larimer	19	0.67	0.86	1.20	2.68	2.14	1.36	2.95	2.22	1.65	1.42	0.95	0.83	18.93
Fort Collins	Larimer	48	0.44	0.61	0.93	2.13	2.84	1.49	1.83	1.22	1.28	1.07	0.47	0.46	14.77
Fort Lupton	Adams	17	0.19	0.40	0.46	1.72	2.23	1.02	1.82	1.53	1.16	1.13	0.50	0.61	14.77
Fort Morgan	Morgan	40	0.28	0.41	0.60	1.77	2.36	1.83	2.49	1.65	0.92	0.85	0.35	0.38	13.98
Fraser	Grand	19	1.63	1.75	1.76	2.31	1.60	1.08	2.29	1.66	1.61	1.36	1.14	1.79	19.93
Fruita	Mesa	28	0.95	0.85	1.08	0.79	0.90	0.41	0.88	1.13	1.07	1.16	0.73	0.78	10.73
Garnett	Alamosa	36	0.14	0.22	0.28	0.56	0.13	0.70	1.24	1.14	0.76	0.54	0.27	0.23	6.21
Glenwood Springs	Garfield	24	1.29	1.00	1.29	1.26	1.11	0.72	1.25	1.57	1.14	1.05	0.96	1.26	13.90
Grand Junction	Mesa	36	0.49	0.63	0.71	0.76	0.92	0.40	0.50	1.04	0.95	0.91	0.55	0.44	8.30
Grand Lake	Grand	10	1.81	1.36	0.88	1.90	1.26	0.90	1.96	1.52	1.26	0.81	1.46	1.57	16.69
Greeley	Weld	39	0.32	0.41	0.73	1.71	2.47	1.41	1.85	1.13	0.96	0.92	0.33	0.41	12.65
Grover	Weld	26	0.36	0.63	0.65	2.01	2.35	1.75	2.21	1.63	1.14	0.76	0.32	0.61	14.42
Gunnison	Gunnison	36	0.80	0.70	0.60	0.85	0.78	0.64	1.44	1.32	0.81	0.61	0.56	0.71	9.82
Hamp	Elbert	26	0.24	0.46	0.90	2.03	1.99	1.71	2.54	2.22	0.98	0.56	0.25	0.47	14.35
Hartsel	Park	19	0.21	0.25	0.34	0.92	0.85	1.38	3.69	2.16	1.29	0.46	0.36	0.31	12.22
Hermit	Hinsdale	22	1.37	1.05	1.35	1.42	1.25	1.12	2.75	2.36	1.51	1.88	1.15	1.18	18.39
Holy	Prowers	32	0.26	0.62	0.46	1.80	1.91	2.06	2.54	2.24	1.21	0.61	0.50	0.46	14.67
Holyoke	Phillips	28	0.25	0.45	0.88	2.18	2.63	2.87	2.40	2.38	1.28	0.93	0.33	0.57	17.15
Jahoda Springs	Clear Creek	38	0.39	0.50	1.08	2.23	1.13	1.34	2.79	2.05	1.53	1.31	0.53	0.62	16.50
Julesburg	Sedgwick	24	0.35	0.50	0.77	2.41	2.76	2.65	2.19	2.10	0.77	0.97	0.39	0.43	16.29
Lamar	Prowers	39	0.30	0.61	0.81	1.87	2.05	2.10	2.66	2.00	1.19	0.86	0.41	0.70	15.56
Las Animas	Bent	59	0.19	0.45	0.53	1.54	1.92	1.42	2.17	1.62	1.00	0.69	0.32	0.44	12.29
Lay	Moffat	36	1.12	1.25	1.45	1.21	1.28	0.72	0.97	1.02	1.30	1.10	0.84	0.96	13.22
Leadville	Lake	32	1.21	1.51	1.61	1.74	1.19	0.97	2.20	1.90	1.17	1.11	0.84	1.22	16.67
LeRoy	Logan	39	0.37	0.60	0.94	2.63	2.53	2.35	2.16	2.28	1.13	1.05	0.44	0.62	17.10
Limon	Lincoln	10	0.19	0.38	0.39	1.80	1.87	1.90	2.63	2.27	1.06	0.83	0.43	0.53	14.32
Longmont	Boulder	21	0.30	0.65	0.83	2.05	2.34	1.59	2.21	1.20	1.21	1.13	0.61	0.63	14.75
Manassa	Conejos	21	0.12	0.25	0.37	0.76	0.55	0.51	1.26	1.37	0.57	0.80	0.25	0.28	7.09
Mancos	Montezuma	20	1.36	1.46	2.02	1.77	1.19	0.77	1.91	2.01	1.55	1.55	1.08	1.23	17.90
Meeker	Rio Blanco	27	1.07	1.00	1.42	1.55	1.37	0.89	1.45	1.63	1.68	1.46	1.15	1.06	15.73
Montrose	Montrose	39	0.68	0.62	0.80	1.04	0.82	0.42	0.86	1.35	0.94	0.82	0.58	0.75	9.68
Monument	El Paso	17	0.55	0.84	1.10	3.23	2.13	2.05	3.23	2.82	1.33	1.05	0.65	1.01	19.99
Nagoda	Routt	22	1.31	1.55	1.95	1.87	1.44	1.09	1.31	1.58	1.82	1.68	0.97	1.62	18.49
Nagosa Springs	Archuleta	12	2.49	2.06	1.72	1.70	1.45	1.01	2.99	2.56	1.71	1.39	1.09	1.91	23.88
Naoia	Delta	35	1.32	1.25	1.49	1.41	1.43	0.59	1.05	1.29	1.30	1.44	1.01	1.11	14.69
Pueblo	Pueblo	39	0.85	0.47	0.86	1.43	1.68	1.47	1.97	1.57	0.62	0.70	0.37	0.46	11.95
Redvale	Montrose	6	1.22	0.83	0.94	1.37	1.03	0.84	2.20	1.66	0.97	1.68	1.08	1.20	15.02
Reio	Dolores	26	2.96	3.01	3.03	1.49	1.59	1.16	2.83	2.19	2.34	1.44	1.48	2.25	25.77
Rife	Garfield	8	0.83	0.85	1.30	1.08	1.21	0.61	1.11	1.28	1.20	1.22	0.84	0.87	12.40
Rocky Ford	Otero	39	0.25	0.33	0.56	1.66	1.77	1.40	2.55	1.36	0.80	0.85	0.41	0.45	12.39
Saguache	Saguache	28	0.24	0.41	0.31	0.37	0.81	0.97	1.77	1.51	0.78	0.73	0.31	0.32	8.53
Salida	Chaffee	1	0.55	0.83	0.73	1.54	0.86	1.05	1.85	1.49	1.02	0.93	0.33	0.73	12.31
San Luis	Costilla	27	0.42	0.50	0.66	0.95	1.12	0.75	2.23	1.50	2.89	1.02	0.42	0.61	13.07
Sapinero	Gunnison	26	0.90	2.05	2.07	2.21	1.64	0.97	1.43	1.85	1.49	1.46	1.23	0.68	18.93
Sedgwick	Sedgwick	1	0.41	0.63	0.71	2.34	2.25	2.58	2.23	2.49	1.36	1.10	0.33	0.48	16.91
Silverton	San Juan	21	2.61	2.00	2.71	1.63	1.12	1.45	2.97	3.23	2.66	2.64	1.47	2.08	26.57
Spricer	Jackson	1	0.79	0.77	0.65	0.84	0.80	0.77	1.16	1.01	1.14	0.96	0.83	0.76	10.48
Springsfield	Baca	16	0.39	0.60	0.92	2.58	2.74	1.62	2.45	1.96	1.57	0.78	0.72	0.64	16.97
Steamboat Springs	Routt	25	2.51	2.67	1.89	2.06	1.91	1.34	1.46	1.59	1.53	1.79	1.58	2.55	22.88
Sterling	Logan	18	0.86	0.37	0.51	2.16	2.36	1.99	1.47	2.37	1.23	1.07	0.43	0.57	14.91
Trinidad	Las Animas	32	0.50	0.97	0.88	2.13	1.66	2.06	2.49	2.36	1.22	1.29	0.73	0.74	17.08
Two Buttes	Baca	29	0.29	0.61	0.73	1.79	2.23	2.19	2.59	1.86	1.33	0.74	0.41	0.58	15.35
Vestcliffe	Custer	1	0.55	0.62	1.15	1.90	1.37	1.37	2.57	1.61	1.13	1.24	0.86	0.73	15.10
Vray	Yuma	33	0.33	0.64	0.89	2.72	2.75	2.81	2.67	2.49	1.20	1.02	0.38	0.49	18.89
Wampa	Routt	9	2.04	1.83	1.51	2.30	0.88	0.85	1.88	1.49	1.43	1.17	0.97	1.57	16.56
Yuma	Yuma	26	0.36	0.56	1.03	2.30	2.35	2.74	2.52	2.48	1.01	0.98	0.40	0.55	17.28

*Period of years figured to 1930.

LENGTH OF GROWING SEASON IN COLORADO

	Number of days between killing frosts			Range of dates of last killing frost in spring and first in fall	
	Average	Short- est	Long- est	Spring	Fall
Akron-----	143	121	165	Apr. 29 to June 5	Sept. 15 to Oct. 24
Arriba-----	134	119	146	May 4 to June 7	Sept. 15 to Oct. 20
Blanca-----	105	81	126	May 20 to June 23	Sept. 12 to Oct. 1
Boulder-----	165	125	200	Apr. 13 to June 2	Sept. 15 to Nov. 10
Buena Vista-----	122	78	142	May 22 to June 28	Aug. 29 to Oct. 23
Burlington-----	154	111	170	Apr. 22 to June 4	Sept. 23 to Oct. 26
Calhan-----	137	108	167	Apr. 29 to June 6	Sept. 2 to Oct. 24
Canon City-----	163	124	200	Apr. 4 to June 2	Sept. 17 to Nov. 11
Castle Rock-----	131	99	154	Apr. 19 to June 10	Sept. 10 to Oct. 9
Cedaredge-----	136	95	164	Apr. 19 to June 9	Sept. 10 to Oct. 19
Cheyenne Wells-----	154	122	180	Apr. 5 to June 4	Sept. 12 to Oct. 26
Colbran-----	133	78	165	Apr. 23 to July 3	Sept. 12 to Oct. 24
Colorado Springs-----	146	112	179	Apr. 16 to June 3	Sept. 11 to Oct. 21
Crawford-----	137	111	171	May 3 to June 12	Sept. 14 to Oct. 26
Delta-----	140	111	187	Apr. 14 to June 3	Sept. 11 to Oct. 29
Denver-----	158	110	193	Apr. 13 to June 6	Sept. 12 to Oct. 29
Dolores-----	130	109	151	May 4 to June 5	Sept. 21 to Oct. 28
Durango-----	129	98	172	Apr. 22 to June 5	Sept. 11 to Oct. 16
Eads-----	156	143	179	Apr. 26 to May 22	Sept. 27 to Oct. 22
Fort Collins-----	142	124	181	Apr. 12 to June 3	Sept. 7 to Oct. 16
Fort Morgan-----	143	87	186	Apr. 12 to June 30	Aug. 25 to Oct. 26
Fruita-----	156	133	186	Apr. 3 to June 1	Sept. 15 to Oct. 30
Garnett-----	102	63	137	May 3 to July 7	Aug. 13 to Oct. 10
Glenwood Springs-----	114	58	134	Apr. 4 to July 4	Aug. 9 to Oct. 11
Grand Junction-----	184	144	233	Mar. 23 to May 14	Sept. 14 to Nov. 11
Greeley-----	149	112	180	Apr. 14 to June 3	Sept. 7 to Oct. 18
Grover-----	113	82	141	May 6 to June 30	Aug. 25 to Sept. 26
Hamps-----	134	98	164	Apr. 25 to June 8	Sept. 6 to Oct. 23
Hayden-----	91	64	128	May 15 to July 3	Aug. 31 to Sept. 20
Hohne-----	140	73	201	Apr. 18 to July 4	Sept. 10 to Nov. 16
Holly-----	164	134	202	Apr. 2 to June 2	Sept. 17 to Oct. 31
Holyoke-----	138	108	167	Apr. 18 to June 6	Sept. 12 to Oct. 24
Huerfano-----	125	110	145	May 10 to June 6	Sept. 21 to Oct. 7
Ignacio-----	104	69	131	May 28 to June 20	Aug. 28 to Oct. 6
Julesburg-----	139	94	169	Apr. 21 to June 19	Sept. 19 to Oct. 24
Lamar-----	168	140	190	Apr. 3 to May 14	Sept. 17 to Oct. 29
Las Animas-----	159	123	191	Apr. 9 to June 1	Sept. 7 to Oct. 25
Lay-----	83	30	168	Apr. 7 to June 19	Aug. 11 to Sept. 26
LeRoy-----	150	100	182	Apr. 13 to May 27	Aug. 25 to Oct. 24
Limon-----	140	105	169	Apr. 19 to June 5	Sept. 14 to Oct. 25
Longmont-----	144	112	169	Apr. 13 to June 2	Sept. 14 to Oct. 12
Manassa-----	97	45	127	May 19 to June 20	Aug. 2 to Sept. 25
Mancos-----	110	70	143	May 14 to July 6	Aug. 27 to Oct. 24
Meeker-----	89	47	120	May 17 to July 13	Aug. 12 to Oct. 10
Montrose-----	145	112	186	Apr. 10 to June 8	Sept. 14 to Oct. 23
Monument-----	113	88	137	May 10 to June 18	Sept. 9 to Sept. 26
Pagosa Springs-----	76	50	89	June 9 to July 29	Sept. 5 to Sept. 18
Palisades-----	160	146	183	Apr. 14 to May 26	Sept. 15 to Oct. 27
Paonia-----	158	117	228	Apr. 5 to June 2	Sept. 21 to Nov. 11
Platte Canon-----	148	124	164	Apr. 11 to June 2	Sept. 14 to Oct. 26
Pueblo-----	165	131	193	Apr. 9 to June 2	Sept. 12 to Oct. 26
Redvale-----	130	93	163	Apr. 27 to June 13	Sept. 14 to Oct. 26
Rifle-----	144	123	165	Apr. 17 to June 1	Sept. 14 to Oct. 24
Rocky Ford-----	161	113	190	Apr. 12 to June 2	Sept. 17 to Oct. 27
Saguache-----	120	93	178	Apr. 21 to June 26	Aug. 28 to Oct. 16
Salida-----	112	68	148	Apr. 28 to June 15	Sept. 12 to Oct. 11
San Luis-----	108	68	128	May 16 to July 6	Sept. 5 to Oct. 11
Sapinero-----	93	63	117	May 30 to July 5	Sept. 6 to Sept. 28
Sedgwick-----	143	126	167	Apr. 25 to May 27	Sept. 14 to Oct. 24
Sterling-----	144	111	177	Apr. 22 to June 3	Sept. 20 to Oct. 24
Trinidad-----	161	130	194	Apr. 16 to June 3	Sept. 22 to Oct. 27
Two Buttes-----	164	124	192	Apr. 11 to June 2	Sept. 17 to Oct. 30
Victor-----	98	46	134	May 22 to July 7	Aug. 13 to Oct. 6
Wagon Wheel Gap-----	59	1	115	May 26 to July 31	Aug. 1 to Sept. 25
Westcliffe-----	95	3	131	May 6 to July 29	Aug. 1 to Oct. 10
Wiggins-----	130	114	149	May 11 to June 2	Sept. 14 to Oct. 7
Wray-----	152	124	179	Apr. 11 to May 27	Sept. 12 to Oct. 25

Water Power Resources

WATER power has played an important part in the mining development of Colorado and was used for that purpose as far back as 1859, when the first ore mill was erected in the Blackhawk district, the oldest camp in the state. Its use for other industrial purposes started in the same year, when the Eggers saw mill in the same district was operated by water power. Today it is recognized as one of the most valuable of Colorado's natural resources.

Although the volume of water carried in the streams of the state generally is comparatively small, most of these streams have their sources at high altitudes and a vast quantity of power is developed as they descend over precipitous courses from the mountain sides to the plains below. The principal river systems having their origin in the state and developing sufficient water power to be utilized commercially are: The Colorado, on the western slope, the principal tributaries of which are the Yampa, White, Green, Gunnison, Dolores and San Juan; the Rio Grande, in the south, draining the San Luis valley; the Arkansas, in the southeast, and the Platte, in the northeast. These streams have scores of comparatively small tributaries rising in the mountains, which drop from 1,000 to 6,000 feet in their courses. There is considerable variation in the amount of power available in these streams, due to the fact that the volume of water they carry differs widely at different seasons of the year. A maximum development could be obtained only through the storage of water in reservoirs during the flood seasons.

The following figures, composed of estimates by the United States geological survey, furnish a good idea of the immense water power available for commercial uses in the state:

Horsepower available without storage for 90 per cent of the time	765,000
Horsepower available without storage for 50 per cent of the time	1,570,000
Horsepower available from storage of water	2,568,200

The federal government had 442,068 acres in power-site reserves in the state on June 30, 1930, according to the report of the commissioner of the general land office. This figure includes all areas reserved or classified

as valuable for power purposes and withheld subject to disposition only under the federal water power act of June 10, 1920. Designations, classifications and other types of reserves are included in the total area without distinction. The sites are available for leasing, subject to the approval of the federal power commission, under the act of 1920. Powersite reserves under the act of June 25, 1910, as amended by the act of August 24, 1912, on June 30, 1930, aggregated 219,391 acres. Miscellaneous withdrawals under the same act were 1,727 acres. Power-site classifications made under the act of March 3, 1879, aggregated 208,297 acres, and public water reserves under the act of June 25, 1910, aggregated 8,193 acres on June 30, 1930. Withdrawals under the act of June 17, 1902, aggregated 4,460 acres.

Applications for sites on the public domain should be made to the United States Geological Survey, 403 Post Office building, Denver. Applications for sites within the national forests should be made to the United States Forest Service, 462 Post Office building, Denver.

The development of water power in the state has not progressed as rapidly as in some other states, due in a large measure to the immense deposits of coal available in Colorado for the development of power. It is generally conceded that the initial cost of hydro-electric installation is greater than for steam power, though the cost of operation is considerably less.

The presence of the coal deposits, on the contrary, offers some advantage in that it permits the construction of auxiliary plants in connection with hydro-electric projects upon economical terms so as to insure uninterrupted operation.

Hydro-electric power developed in the state, in plants of 100 h. p. or over, according to the geological survey, is as follows:

Use	Number Plants	Horsepower
Public utilities.....	28	84,291
Individual mining plants	24	10,132
Irrigation pumping.....	3	3,275
Flour mills.....	1	188
Private plants.....	1	100
Total	57	97,986

In addition, small plants of less than 100 horsepower in the state probably aggregate 5,000 horsepower.

Agricultural Extension Service

CO-OPERATIVE extension work in agriculture and home economics in Colorado is conducted by the Colorado Agricultural college at Fort Collins in co-operation with the United States department of agriculture under the provisions of the Smith-Lever act. This act provides definitely for co-operation between the federal and state governments in carrying on a common enterprise and permitting participation by counties, local governments, associations and individuals.

In the extension service, scientific data developed by the state experimental station are given to the people through the demonstration method of teaching. This is mostly done through selected volunteer leaders in rural communities who agree to put into practice a method recommended by the extension service after it has been proved scientifically correct either by long farm practice elsewhere or through experiment station research. The service is headed by a director with a central office force of specialists and representatives in various agricultural counties which are organized for extension work. The county representatives are known as extension agents. The work is carried on intensively only in such counties as make financial provision for its support, a part of which is met out of federal funds under the agricultural extension act.

The extension service, in addition to demonstration work, maintains touch with the farmer and the farm home through direct correspondence and through the issuance of bulletins. The extension staff and list of county extension agents in the state, with their addresses, follow:

EXTENSION SERVICE Colorado Agricultural College

F. A. Anderson.....Director
J. E. Morrison.....Assistant Director
R. H. Felts.....County Agent Leader
A. C. Allen...Asst. County Agent Leader
C. W. Ferguson.....State Club Agent
Nora M. Hott.....State Home Agent
E. D. Smith.....
.....Extension Economist, Marketing
T. G. Stewart...Extension Agronomist
L. H. Rochford.....
.....Extension Animal Husbandman
Sue C. Blundell.....Clothing Specialist
C. A. Smith.....Extension Dairyman

Thos. H. Summers.....
.....Senior Economist, Farm Management
F. C. Jans.....
.....Ext. Economist, Farm Management
W. F. Droge.....
.....Ext. Econ. Farm Management
Mary E. Sutherland.....
.....Ext. Economist, Home Management
Wm. Case.....
.....Acting Extension Horticulturist
Miriam J. Williams.....
.....Extension Nutritionist
O. C. Ufford.....Extension Poultryman
H. H. Young.....
Supt. Egg Laying Contest—Canon City

COUNTY EXTENSION AGENTS

County	Agent	Headquarters
Adams.....	H. A. Sandhouse.	Brighton
Alamosa.....	M. C. Grandy	Alamosa
Arapahoe.....	A. H. Tedmon	Littleton
Boulder.....	R. E. Kiely	Longmont
Costilla.....	E. W. Martin	San Luis
Delta.....	R. H. Tucker	Delta
El Paso.....	R. H. Felts	.....
.....	.....	Colorado Springs
Fremont.....	R. D. Woodfin	Canon City
Garfield.....	A. V. Lough	.....
.....	.....	Glenwood Springs
Huerfano.....	B. W. Allred	Walsenburg
Kiowa.....	J. G. Bishop	.....
La Plata.....	W. B. Smith	Durango
Larimer.....	D. C. Bascom	Fort Collins
Las Animas.....	S. W. Morgan	Trinidad
Lincoln.....	L. C. Gilbert	Hugo
Logan.....	H. E. Hogsett	Sterling
Mesa.....	J. C. Foster	.....
.....	.....	Grand Junction
Moffat.....	T. J. Snyder	Craig
Montezuma.....	A. F. Hoffman, Jr.	Cortez
Montrose.....	O. D. Stanton	Montrose
Otero.....	R. E. Williams	.....
.....	.....	Rocky Ford
Prowers.....	F. R. Lamb	Lamar
Pueblo.....	W. H. Sawhill	Pueblo
Rio Grande.....	A. A. Goodman	.....
.....	.....	Monte Vista
Routt.....	F. D. Moon	.....
.....	.....	Steamboat Springs
San Miguel.....	J. H. Cheney	Norwood
Sedgwick.....	G. E. McCrimmon	.....
.....	.....	Julesburg
Teller.....	H. J. Ryan	Cripple Creek
Washington.....	E. J. Meadows	Akron
Weld.....	H. H. Simpson	Greeley
Weld (Asst.).....	Walter S. Stratton, Jr.	.....
.....	.....	Greeley
Yuma.....	P. B. Miles	Wray

HOME DEMONSTRATION AGENTS

Alamosa-
Conejos.....Marie Neff.....Alamosa
El Paso.....Bertha Boger Wear.....
.....Colorado Springs
Garfield.....Gladys Bradley.....
.....Glenwood Springs
Larimer.....Delphine Dawson.....
.....Fort Collins
Lincoln.....Frances Riley.....Hugo
Logan.....Eline Davenport.....Sterling
Prowers.....Virginia Blackford.....Lamar
Pueblo-Otero.....Jessie Reinholtz.....Pueblo
Rio Grande.....Nellie Mathews.....
.....Monte Vista
Routt.....Josephine Chambers.....
.....Steamboat Springs
Washington.....Opal Stafford.....Akron

Agriculture

DESPITE the fact that in terms of bushels, tons and other units of measurement the farm crop of 1930 was the largest in the history of Colorado, its aggregate value fell materially below the gross farm value of the 1929 crop, due wholly to market conditions. In most instances prices were unsatisfactory, with the result that sugar beets and corn, among the major crops, were the only ones to show increased values over the preceding year. The Colorado Co-Operative Crop Reporting Service fixed the farm value of the 1930 crop, on the basis of December 1 prices for most crops and seasonal prices for others, at \$126,174,000, compared with \$140,964,800 for the crop of 1929.

Colorado agriculture in general was favored during the 1930 season, the only exception being the fruit crops, which were damaged by heavy frosts early in May. Although there was a threat of drought in the early part of the season, precipitation became more nearly normal later in the year and growing conditions in general were satisfactory. Rainfall for the year was approximately normal, and losses of acreage due to hail, insects and plant diseases were considerably below the average. Fall freezes were delayed, and weather conditions were favorable for maturing and harvesting practically all row crops.

Crop yields per acre were almost uniformly higher than in 1929. The acreages planted to corn, winter wheat, rye, dry beans, grain sorghums, broom corn, hay and sugar beets were larger than in the preceding year, while spring wheat, barley and potatoes showed reduced acreage. Likewise the acreages of most of the truck crops were below the 1929 level, but dry beans, broom corn and sugar beets broke all past acreage records.

The fact that Colorado occupied a much more favorable position in agriculture during 1930 than did most of the rest of the United States is shown by the fact that crop values in this state were nearly 90 per cent of the total value for 1929, while for the country as a whole the 1930 crop was worth only about 72 per cent of the preceding year's value. Both Colorado and the United States showed some increase in harvested acreage in 1930 over 1929, but Colorado's increase was considerably larger than the increase for the

nation as a whole, indicating a lower loss from climatic and other agricultural disasters.

The trend toward fewer cultivated farms, with larger average areas, was continued in 1930. Since 1924 each succeeding year has shown fewer farms under operation in Colorado, and almost without exception each year has recorded an increase in the average number of acres per farm. The following table shows the variations from year to year in the number of farms, average size of farms, total acreage cultivated and value of the crop for the past twelve years, all figures for 1930 being preliminary and subject to revision:

Year	No. Farms	Av. Size of Farms
1920.....	49,117	266.27
1921.....	52,245	294.62
1922.....	54,667	295.10
1923.....	51,589	290.36
1924.....	56,746	304.91
1925.....	53,190	313.17
1926.....	52,220	321.17
1927.....	50,230	303.97
1928.....	48,900	339.42
1929.....	46,200	347.52
1930.....	45,613	358.72

Year	Acreage	Crop Value
1920.....	5,729,000	\$156,667,000
1921.....	5,823,000	91,270,000
1922.....	5,772,000	102,370,000
1923.....	6,144,000	131,275,000
1924.....	6,251,000	125,881,000
1925.....	6,143,000	139,722,000
1926.....	6,471,000	121,631,000
1927.....	6,226,000	125,524,000
1928.....	6,368,000	117,448,000
1929.....	6,508,000	140,965,000
1930.....	6,817,000	126,174,000

In addition to tables showing the number and other data concerning Colorado farms compiled by the co-operative crop reporting service, there are published in this volume other tables giving the reports of the United States census bureau. The census figures in most instances being higher than the figures shown by the crop reporting service, it should be borne in mind in making comparisons that the census bureau includes in its tabulations many farms which are not included by the state-federal service because they produce nothing but pasture. Also the census counts as individual farms those operated under different management by a single farmer, whereas the state figures combine such farms into a single unit. The discrepancies are not as important, if these facts are considered, as they seem at first glance.

SUMMARY OF THE ACREAGE, PRODUCTION AND VALUE OF PRINCIPAL CROPS IN THE UNITED STATES, 1929 AND 1930, AND COLORADO'S PROPORTION OF TOTALS

Crop and Year	Acreage	Production	Price Per Unit	Value	Colorado's Per Cent of U. S. Totals		
					Acreage	Pro-duction	Value
Corn:							
1929-----	97,856,000	2,614,132,000	\$.781	\$2,042,893,000	1.39	0.89	0.85
1930-----	100,829,000	2,081,048,000	.663	1,378,874,000	1.50	1.78	1.13
All Wheat:							
1929-----	61,464,000	809,176,000	1.042	843,030,000	2.28	2.24	1.93
1930-----	59,153,000	850,965,000	.608	517,407,000	2.47	2.56	2.24
Oats (Grain):							
1929-----	40,043,000	1,228,369,000	.435	533,807,000	0.53	0.54	0.59
1930-----	41,598,000	1,402,026,000	.324	453,973,000	0.51	0.51	0.56
Barley:							
1929-----	13,068,000	302,892,000	.550	166,613,000	4.93	4.45	4.37
1930-----	12,437,000	325,893,000	.396	129,137,000	4.92	4.79	4.83
Rye:							
1929-----	3,331,000	41,911,000	.864	36,225,000	2.51	2.19	1.79
1930-----	3,722,000	50,234,000	.416	20,895,000	2.50	2.13	1.90
Grain Sorghums:							
1929-----	5,921,000	100,845,000	.710	71,617,000	3.46	2.24	2.52
1930-----	6,180,000	86,622,000	.641	55,486,000	3.41	3.28	2.57
All Hay:							
1929-----	74,203,000	113,658,000	11.76	1,336,946,000	2.12	2.71	2.61
1930-----	72,609,000	94,767,000	11.98	1,135,294,000	2.25	3.26	2.49
Dry Beans:							
1929-----	1,960,000	20,707,000	3.78	78,371,000	15.65	9.88	7.08
1930-----	2,181,000	22,137,000	2.40	53,098,000	17.65	17.74	9.98
Potatoes—White:							
1929-----	3,338,000	359,048,000	1.309	469,837,000	2.61	3.45	2.88
1930-----	3,394,000	361,090,000	.904	326,457,000	2.53	4.17	2.77
Sugar Beets:							
1929-----	688,000	7,318,000	7.08	51,824,000	29.29	28.19	31.71
1930-----	799,000	9,175,000	7.15	65,561,000	30.41	35.96	34.92
Broom Corn:							
1929-----	303,000	47,200	122.65	5,789,000	19.37	20.78	19.09
1930-----	395,000	49,600	73.81	3,661,000	17.47	19.15	13.22
TRUCK CROPS							
Snap Beans:							
1929-----	149,810	188,600	99.27	18,723,000	2.08	4.45	2.36
1930-----	173,380	188,500	93.28	17,553,000	1.48	5.25	3.55
Cabbage:							
1929-----	157,230	1,102,200	18.86	20,791,000	2.10	3.18	3.19
1930-----	155,010	1,014,900	19.19	19,475,000	2.52	4.80	2.16
Cantaloupes:							
1929-----	107,140	16,982,000	1.31	22,290,000	10.30	15.06	9.39
1930-----	127,380	15,391,000	1.21	18,612,000	7.85	12.99	12.89
Cauliflower:							
1929-----	25,580	6,500,000	.80	5,206,000	14.20	20.12	17.72
1930-----	27,520	5,595,000	.83	4,630,000	10.90	17.16	16.59
Celery:							
1929-----	29,680	8,872,000	1.66	14,617,000	3.65	2.90	1.93
1930-----	31,840	10,043,000	1.48	14,825,000	2.64	2.17	1.32
Cucumbers:							
1929-----	120,710	8,639,000	1.34	11,537,000	2.15	3.19	1.33
1930-----	166,160	11,740,000	.90	10,723,000	1.69	3.10	1.80
Lettuce:							
1929-----	141,010	20,180,000	1.82	36,826,000	6.93	5.30	3.64
1930-----	167,610	19,849,000	1.70	33,670,000	5.37	4.08	2.04
Onions:							
1929-----	86,850	25,470,000	.74	18,710,000	8.09	9.99	5.76
1930-----	82,940	26,124,000	.50	13,146,000	6.75	6.60	4.20
FRUITS							
Apples:							
1929-----	-----	142,788,000	1.317	187,984,000	---	1.76	1.27
1930-----	-----	163,543,000	.933	152,548,000	---	0.69	0.63
Peaches:							
1929-----	-----	45,789,000	1.357	62,140,000	---	2.17	2.31
1930-----	-----	53,286,000	.903	42,340,000	---	1.53	2.80
Pears:							
1929-----	-----	22,063,000	1.432	31,588,000	---	3.11	3.25
1930-----	-----	25,703,000	.763	19,611,000	---	0.67	1.15
Crops not listed*							
1929-----	61,526,990	-----	---	2,607,906,000	---	---	---
1930-----	62,278,160	-----	---	1,787,421,000	---	---	---
Totals:							
1929-----	364,520,000	-----	---	\$8,675,270,000	1.78	---	1.61
1930-----	366,507,000	-----	---	6,274,427,000	1.85	---	1.99

*For the purposes of this table only the crops which are produced in Colorado and are therefore interesting for comparative purposes have been listed. The table includes by far the major portion of both acreages and values for all crops, but omits some important crops, such as cotton, rice, etc. All crops are included in the United States totals shown last above.

COLORADO'S CROP ACREAGE, PRODUCTION AND VALUE, 1930 AND 1929

Kind of Crop	1930			1929		
	Acreage	Production	Value	Acreage	Production	Value
Winter Wheat-----	1,147,000	16,632,000 Bu.	\$ 8,815,000	1,043,000	11,994,000 Bu.	\$ 11,154,000
Spring Wheat-----	312,000	5,148,000 Bu.	2,780,000	354,000	6,018,000 Bu.	5,537,000
All Wheat-----	1,459,000	21,780,000 Bu.	11,595,000	1,397,000	18,012,000 Bu.	16,691,000
Corn ¹ -----	1,516,000	37,142,000 Bu.	23,028,000	1,366,000	23,222,000 Bu.	17,416,000
Oats for Grain ² -----	212,000	7,102,000 Bu.	2,557,000	212,000	6,572,000 Bu.	3,155,000
Barley for Grain-----	612,000	15,606,000 Bu.	6,242,000	651,000	13,671,000 Bu.	7,382,000
Rye for Grain-----	93,000	1,070,000 Bu.	396,000	81,000	891,000 Bu.	633,000
Grain Sorghums ³ -----	211,000	2,848,000 Bu.	1,424,000	205,000	2,255,000 Bu.	1,804,000
Sweet Sorghums-----	78,000	172,000 T.	1,032,000	80,000	152,000 T.	1,216,000
Broomcorn-----	69,000	9,500 T.	484,000	60,000	10,100 T.	1,131,000
Field Peas ⁴ -----	50,000	600,000 Bu.	540,000	50,000	600,000 Bu.	720,000
Dry Beans-----	385,000	3,927,000 Bu.	5,301,000	350,000	2,345,000 Bu.	6,332,000
Potatoes-----	86,000	15,050,000 Bu.	9,030,000	88,000	12,320,000 Bu.	13,552,000
Sugar Beets-----	243,000	3,299,000 T.	22,895,000	210,000	2,612,000 T.	18,106,000
Cabbage-----	3,900	48,700 T.	420,000	3,300	35,000 T.	715,000
Onions-----	5,600	1,725,000 Bu.	552,000	7,000	*2,583,000 Bu..	1,097,000
Cauliflower-----	3,000	960,000 Cr.	768,000	3,600	1,296,000 Cr.	907,000
Tomatoes for Mfg. and Market-----	2,930	23,286 T.	386,000	2,630	25,707 T.	375,000
Cantaloupes and Honey Dew Melons for Market-----	10,000	2,000,000 Cr.	2,400,000	11,000	2,530,000 Cr.	2,100,000
Cantaloupes and Honey Dew Melons for Seed-----	2,400	600,000 Lb.	192,000	1,700	425,000 Lb.	128,000
Cucumbers for Pickles-----	2,800	364,000 Bu.	193,000	2,000	230,000 Bu.	138,000
Cucumbers for Seed-----	4,400	1,936,000 Lb.	580,800	3,800	1,216,000 Lb.	340,000
Snap Beans for Mfg. and Mkt.-----	2,560	9,900 T.	625,000	2,800	8,400 T.	505,000
Peas for Canning and Market-----	11,490	-----	1,119,000	12,900	-----	1,134,000
Lettuce-----	9,000	810,000 Cr.	688,000	9,800	1,078,000 Cr.	1,348,000
Celery-----	850	221,000 Cr.	198,900	1,050	252,000 Cr.	277,000
Millet Seed ⁵ -----	43,000	731,000 Bu.	425,700	35,000	420,000 Bu.	315,000
Alfalfa Seed-----	5,000	15,000 Bu.	126,000	5,000	20,000 Bu.	202,000
Other Farm, Garden and Seed Crops not listed separately ⁶ -----	34,370	-----	996,100	36,350	-----	1,139,800
Tame Hay, All Varieties-----	1,244,000	2,659,000 T.	24,463,000	1,203,000	2,677,000 T.	30,786,000
Wild Hay-----	391,000	430,000 T.	3,784,000	387,000	426,000 T.	4,388,000
Apples-----	-----	1,130,000 Bu.	960,000	-----	2,460,000 Bu.	2,337,000
Peaches-----	-----	817,000 Bu.	1,185,000	-----	1,000,000 Bu.	1,450,000
Pears-----	-----	173,000 Bu.	225,000	-----	650,000 Bu.	975,000
Cherries-----	-----	2,200 T.	198,000	-----	4,600 T.	540,000
Grapes-----	-----	223 T.	10,035	-----	374 T.	15,000
Miscellaneous Fruits-----	-----	-----	195,965	-----	-----	625,000
Sugar Beet Tops-----	-----	-----	850,500	-----	-----	840,000
Rye for Pasture-----	27,000	-----	108,000	30,000	-----	150,000
Totals-----	6,817,300	-----	\$126,174,000	6,507,930	-----	\$140,964,800

*Including 146,000 bushels lost by freeze but not included in computing value.

¹This item includes the entire acreage of corn, whether harvested for mature corn, cut for silage or dry forage, or hogged off.

²In addition to the acreage harvested for grain, there is a large acreage of oats cut green for hay, this additional acreage appearing in the hay table.

³Acreage of grain sorghums and field peas include the crop actually saved for grain and such acreage as is cut green and fed as forage, the grain value being about the same in either case.

⁴This acreage of millet saved for seed is in addition to the area harvested for hay as shown in the hay table.

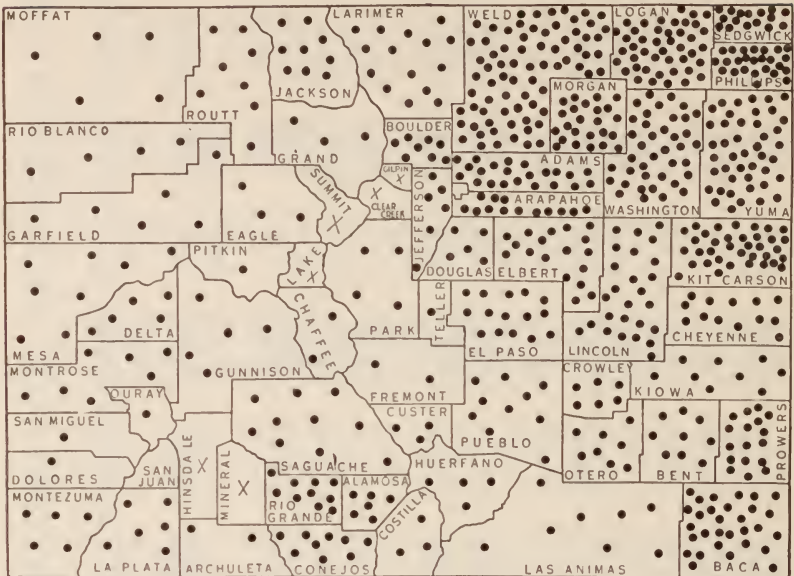
⁵This item includes 8,000 acres of farm gardens, 2,300 acres of pumpkins and squash, 600 acres of watermelons, 1,500 acres of sweet corn, 18,000 acres of speltz and 3,970 acres of other garden and seed crops not itemized by counties.

Note—This table shows the entire acreage devoted to the various crops, whether intended for the general market or sold and consumed locally. In the case of some of the garden and truck crops the acreage is larger than that counted for the general market, but as the acreage devoted to local use is comparatively small it has not been segregated.

FARM VALUE OF CROPS BY COUNTIES, 1930

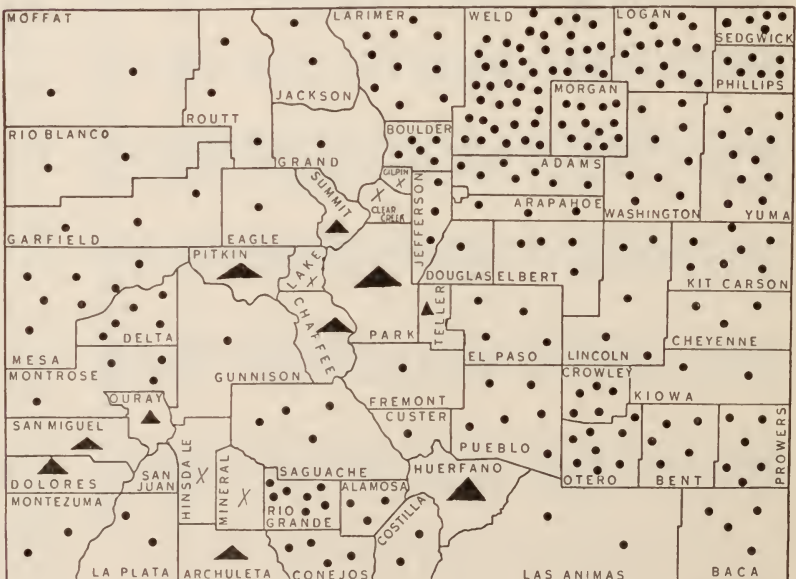
COUNTY	Corn	Wheat	Oats	Barley	Rye	Potatoes	Dry Beans	Sorghums	Sugar Beets	All Hay	Fruits	Miscellaneous Crops	Totals	Av. Value Per Acre Cultivated
Adams	\$ 492,110	\$ 540,330	\$ 33,840	\$ 145,360	\$ 7,200	\$ 11,070	\$ 302,390	\$ 50,540	\$ 998,030	\$ 425,940	\$ 11,430	\$ 642,270	\$ 3,660,560	\$17.28
Alamosa	33,400	33,400	66,670	36,710	---	671,620	---	---	53,410	506,430	---	132,930	1,500,170	24.12
Arapahoe	297,020	307,130	16,530	54,340	3,640	810	245,670	31,960	123,650	269,880	4,290	72,180	1,426,100	11.11
Archuleta	8,330	16,030	16,100	5,860	---	9,600	660	---	---	314,220	720	840	372,360	17.17
Baca	560,280	558,610	780	24,040	3,740	---	41,710	295,360	---	41,110	510	354,570	1,880,710	6.20
Bent	511,790	49,570	21,060	90,060	490	540	24,020	87,360	441,890	724,770	1,620	334,750	2,337,920	26.37
Boulder	250,790	284,530	76,290	158,370	710	5,400	5,940	---	874,500	557,820	16,480	211,210	2,442,040	29.73
Chaffee	280	9,530	25,020	30,550	200	35,100	9,210	106,120	2,070	203,010	90	149,450	455,300	24.72
Cheyenne	1,101,750	35,450	5,340	73,380	1,510	1,800	---	---	---	80,230	140	32,820	1,447,350	11.56
Clear Creek	---	---	---	80	30	780	---	---	---	11,440	---	250	14,320	11.88
Conchos	---	72,320	80,010	134,720	---	660,160	9,070	---	12,890	807,430	---	446,320	2,222,920	25.43
Costilla	---	29,320	8,760	33,510	---	85,700	7,760	---	1,020	151,100	---	494,170	821,090	27.53
Crowley	276,240	4,190	20,680	53,510	150	600	85,220	21,260	439,940	358,910	2,140	1,172,500	2,435,340	42.77
Custer	13,990	7,040	33,960	18,280	1,780	158,990	---	60	---	297,890	120	38,510	620,620	22.58
Delta	135,570	54,440	19,450	39,230	60	75,170	4,680	---	176,320	750,410	870,210	144,400	2,269,940	45.21
Denver	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dolores	17,000	23,450	8,280	2,360	870	9,180	48,860	1,510	---	17,230	4,800	1,820	136,620	10.88
Douglas	231,970	32,260	64,660	25,620	8,390	2,640	27,930	6,720	---	323,820	540	4,000	728,340	14.30
Eagle	---	17,140	31,750	5,380	---	189,660	---	---	---	360,740	260	52,570	657,500	23.73
Elbert	527,820	132,780	65,880	47,330	15,620	32,400	669,610	52,340	---	384,240	170	78,180	2,007,370	11.27
El Paso	659,310	28,310	105,340	23,410	19,200	25,200	586,490	30,220	44,290	444,470	1,620	51,100	2,018,960	13.28
Fremont	77,350	7,460	18,260	9,940	770	15,180	1,720	70	4,200	257,220	78,140	238,390	718,700	34.34
Garfield	22,560	79,430	46,480	42,130	1,330	317,340	2,110	---	179,230	942,910	35,600	23,400	1,692,520	29.91
Gilpin	---	90	3,750	90	60	3,780	---	---	---	13,520	---	17,200	38,490	19.54
Grand	---	1,430	14,820	13,050	410	5,280	---	---	---	881,420	---	101,560	518,280	17.24
Gunnison	---	1,770	6,770	4,650	40	17,370	---	---	---	680,090	---	2,090	712,780	13.51
Hinsdale	---	---	3,580	630	---	1,560	---	---	---	43,490	---	1,120	50,380	13.63
Huerfano	78,490	20,320	24,200	12,280	230	9,900	21,890	11,930	2,110	277,320	1,140	18,360	478,230	13.11
Jackson	---	---	2,820	590	200	4,080	---	---	---	932,950	---	60	940,700	10.66
Jefferson	129,480	183,570	63,950	56,170	970	38,400	4,320	210	77,520	458,540	74,210	361,490	1,448,830	25.94
Kiowa	671,940	7,930	1,100	27,790	400	450	3,890	216,670	---	50,200	150	21,120	1,001,640	10.60
Kit Carson	2,020,480	446,010	52,510	554,950	19,620	19,890	41,150	232,060	---	174,090	110	52,740	3,613,410	9.96

DISTRIBUTION OF CULTIVATED OR HARVESTED AREA, 1930



Each dot represents 10,000 acres; cross represents acreage of less than 10,000.

DISTRIBUTION OF CROP VALUES, 1930

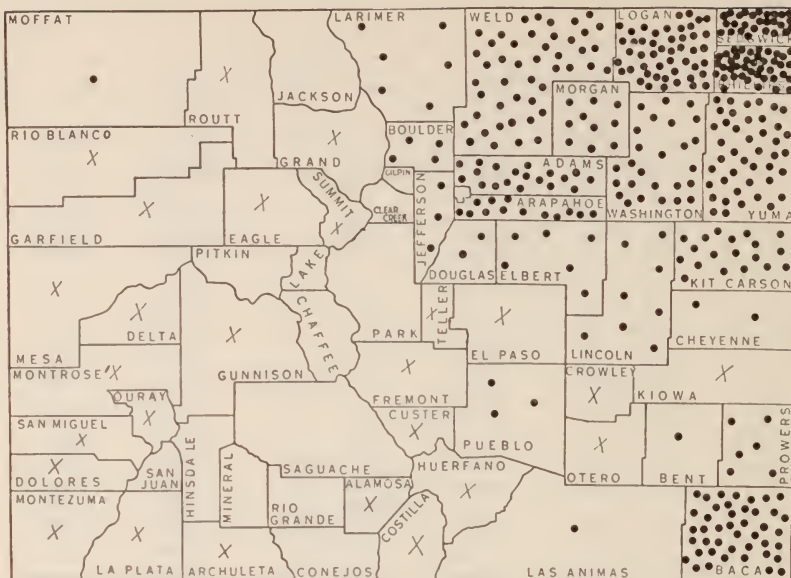


Each dot represents \$500,000; triangle represents \$100,000 to \$500,000; cross represents less than \$100,000.

ACREAGE AND PRODUCTION OF WINTER WHEAT, 1930

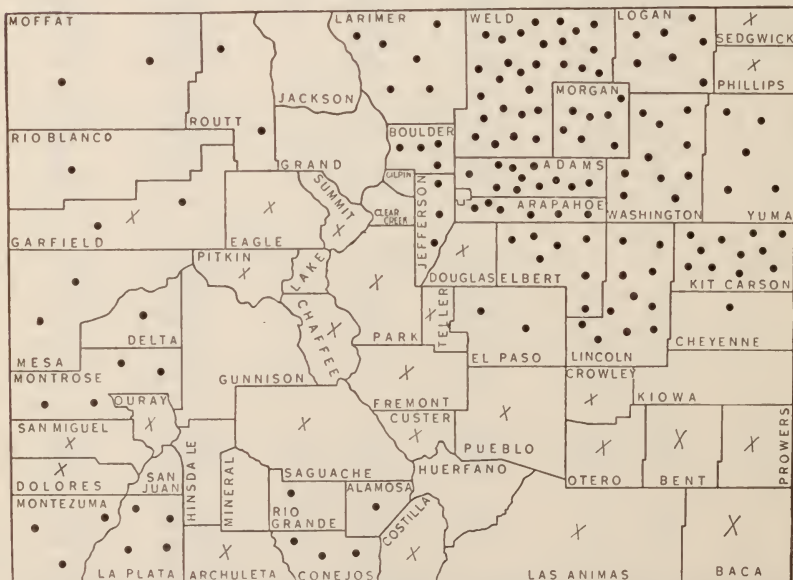
COUNTY	IRRIGATED			NON-IRRIGATED			TOTALS	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	5,340	25	133,500	50,910	10	509,100	56,250	642,600
Alamosa	20	26	520	---	---	---	20	520
Arapahoe	5,630	24	135,120	33,160	9	298,440	38,790	433,560
Archuleta	10	23	230	30	13	390	40	620
Baca	---	---	---	129,500	8	1,036,000	129,500	1,036,000
Bent	2,710	31	84,010	430	9	3,870	3,140	87,880
Boulder	7,230	33	238,590	3,460	16	55,360	10,690	293,950
Chaffee	---	---	---	---	---	---	---	---
Cheyenne	---	---	---	5,180	9	46,620	5,180	46,620
Clear Creek	---	---	---	---	---	---	---	---
Conejos	---	---	---	---	---	---	---	---
Costilla	320	32	10,240	---	---	---	320	10,240
Crowley	150	29	4,350	---	---	---	150	4,350
Custer	70	26	1,820	110	10	1,100	180	2,920
Delta	350	33	11,550	70	13	910	420	12,460
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	2,130	9	19,170	2,130	19,170
Douglas	---	---	---	4,780	11	52,580	4,780	52,580
Eagle	80	36	2,880	50	20	1,000	130	3,880
Elbert	---	---	---	17,920	8	143,360	17,920	143,360
El Paso	20	28	560	1,460	11	16,060	1,480	16,620
Fremont	80	24	1,920	90	11	990	170	2,910
Garfield	50	36	1,800	60	18	1,080	110	2,880
Gilpin	---	---	---	---	---	---	---	---
Grand	80	27	2,160	10	19	190	90	2,350
Gunnison	---	---	---	40	14	560	40	560
Hinsdale	---	---	---	---	---	---	---	---
Huerfano	10	29	290	2,530	12	30,360	2,540	30,650
Jackson	---	---	---	---	---	---	---	---
Jefferson	5,060	30	151,800	2,500	15	37,500	7,560	189,300
Kiowa	---	---	---	710	12	8,520	710	8,520
Kit Carson	---	---	---	58,120	11	639,320	58,120	639,320
Lake	---	---	---	---	---	---	---	---
La Plata	880	22	19,360	210	13	2,730	1,090	22,090
Larimer	4,440	33	146,520	12,180	16	194,880	16,620	341,400
Las Animas	720	25	18,000	2,490	10	24,900	3,210	42,900
Lincoln	---	---	---	23,210	6	139,260	23,210	139,260
Logan	1,150	29	33,350	143,050	14	2,002,700	144,200	2,036,050
Mesa	1,590	31	49,290	490	13	6,370	2,080	55,660
Mineral	---	---	---	---	---	---	---	---
Moffat	90	29	2,610	3,930	17	66,810	4,020	69,420
Montezuma	280	27	7,560	660	15	9,900	940	17,460
Montrose	400	33	13,200	80	14	1,120	480	14,320
Morgan	7,650	26	198,900	23,810	11	261,910	31,460	460,810
Otero	1,420	32	45,440	170	10	1,700	1,590	47,140
Duray	---	---	---	50	13	650	50	650
Park	---	---	---	---	---	---	---	---
Phillips	---	---	---	122,340	18	2,202,120	122,340	2,202,120
Pitkin	---	---	---	---	---	---	---	---
Prowers	4,550	29	131,950	13,650	10	136,500	18,200	268,450
Pueblo	660	31	20,460	9,080	12	108,960	9,740	129,420
Rio Blanco	30	33	990	1,420	18	25,560	1,450	26,550
Rio Grande	---	---	---	---	---	---	---	---
Routt	30	34	1,020	1,940	21	40,740	1,970	41,760
Saguache	---	---	---	---	---	---	---	---
San Juan	---	---	---	---	---	---	---	---
San Miguel	10	32	320	640	11	7,040	650	7,360
Sedgwick	320	29	9,280	81,000	20	1,620,000	81,320	1,629,280
Summit	50	34	1,700	---	---	---	50	1,700
Teller	---	---	---	10	11	110	10	110
Vashington	160	27	4,320	79,060	12	948,720	79,220	953,040
Veld	16,430	30	492,900	121,610	13	1,580,930	138,040	2,073,830
Yuma	---	---	---	124,600	19	2,367,400	124,600	2,367,400
State	68,070	---	1,978,510	1,078,930	---	14,653,490	1,147,000	16,632,000

DISTRIBUTION OF WINTER WHEAT ACREAGE, 1930



Each dot represents 3,000 acres; cross represents less than 3,000 acres.

DISTRIBUTION OF SPRING WHEAT ACREAGE, 1930



Each dot represents 2,000 acres; cross represents less than 2,000 acres.

ACREAGE AND PRODUCTION OF SPRING WHEAT, 1930

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	7,090	31	219,790	15,010	10	150,100	22,100	369,890
Alamosa	2,360	26	61,360	---	---	---	2,360	61,360
Arapahoe	1,610	30	48,300	10,550	9	94,950	12,160	143,250
Archuleta	440	32	14,080	1,000	15	15,000	1,440	29,080
Baca	---	---	---	1,960	9	17,640	1,960	17,640
Bent	120	27	3,240	230	10	2,300	350	5,540
Boulder	7,040	33	232,320	380	16	6,080	7,420	238,400
Chaffee	840	21	17,640	---	---	---	840	17,640
Cheyenne	---	---	---	2,210	9	19,890	2,210	19,890
Clear Creek	---	---	---	---	---	---	---	---
Conejos	4,960	27	133,920	---	---	---	4,960	133,920
Costilla	1,580	28	44,240	---	---	---	1,580	44,240
Crowley	120	29	3,480	---	---	---	120	3,480
Custer	190	27	5,130	280	18	5,040	470	10,170
Delta	2,680	33	88,440	10	15	150	2,690	88,590
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	1,640	15	24,600	1,640	24,600
Douglas	10	30	300	870	9	7,830	880	8,130
Eagle	740	37	27,380	30	18	540	770	27,920
Elbert	10	30	300	13,110	8	104,880	13,120	105,180
El Paso	320	31	9,920	2,910	9	26,190	3,230	36,110
Fremont	320	30	9,600	90	15	1,350	410	10,950
Garfield	3,910	34	132,940	630	18	11,340	4,540	144,280
Gilpin	---	---	---	10	16	160	10	160
Grand	10	36	360	---	---	---	10	360
Gunnison	40	38	1,520	60	20	1,200	100	2,720
Hinsdale	---	---	---	---	---	---	---	---
Huerfano	120	31	3,720	320	12	3,840	440	7,560
Jackson	---	---	---	---	---	---	---	---
Jefferson	5,180	28	145,040	650	14	9,100	5,830	154,140
Kiowa	30	28	840	610	9	5,490	640	6,330
Kit Carson	90	30	2,700	21,750	9	195,750	21,840	198,450
Lake	---	---	---	---	---	---	---	---
La Plata	7,020	28	196,560	1,840	15	27,600	8,860	224,160
Larimer	8,230	33	271,590	3,550	14	49,700	11,780	321,290
Las Animas	90	31	2,790	640	12	7,680	730	10,470
Lincoln	---	---	---	21,600	7	151,200	21,600	151,200
Logan	630	31	19,530	13,770	12	165,240	14,400	184,770
Mesa	2,700	28	75,600	320	15	4,800	3,020	80,400
Mineral	---	---	---	---	---	---	---	---
Moffat	140	33	4,620	3,880	14	54,320	4,020	58,940
Montezuma	2,710	30	81,300	3,410	15	51,150	6,120	132,450
Montrose	7,880	33	260,040	10	16	160	7,890	260,200
Morgan	370	28	10,360	14,340	8	114,720	14,710	125,080
Otero	630	30	18,900	80	10	800	710	19,700
Ouray	690	34	23,460	320	18	5,760	1,010	29,220
Park	---	---	---	60	14	840	60	840
Phillips	---	---	---	1,940	13	25,220	1,940	25,220
Pitkin	460	38	17,480	---	---	---	460	17,480
Powers	370	27	9,990	1,240	9	11,160	1,610	21,150
Pueblo	560	28	15,680	1,000	12	12,000	1,560	27,680
Rio Blanco	550	37	20,350	2,270	20	45,400	2,820	65,750
Rio Grande	2,610	23	60,030	---	---	---	2,610	60,030
Routt	20	35	700	3,840	17	65,280	3,860	65,980
Saguache	1,240	22	27,280	---	---	---	1,240	27,280
San Juan	---	---	---	---	---	---	---	---
San Miguel	410	33	13,530	10	18	180	420	13,710
Sedgwick	120	32	3,840	280	17	4,760	400	8,600
Summit	10	35	350	---	---	---	10	350
Teller	---	---	---	30	17	510	30	510
Washington	80	31	2,480	20,060	9	180,540	20,140	183,020
Weld	18,050	32	577,600	38,360	11	421,960	56,410	999,560
Yuma	---	---	---	9,460	13	122,980	9,460	122,980
State	95,380	---	2,920,620	216,620	---	2,227,380	312,000	5,148,000

DISTRIBUTION OF WHEAT ACREAGE, 1930

COUNTY	Total Acreage	SPRING WHEAT			WINTER WHEAT			IRRIGATED WHEAT				NON-IRRIGATED WHEAT			
		Acreage	% of Total Wheat Acreage		Acreage	% of Total Wheat Acreage		Acreage W. Wheat	Acreage S. Wheat	Acreage All Irr. Wheat	% of Total Wheat Acreage	Acreage W. Wheat	Acreage S. Wheat	Acreage All Non-Irrig. Wheat	% of Total Wheat Acreage
Adams	78,350	22,100	28.2		56,250	71.8		5,340	7,090	12,430	15.9	59,910	15,010	65,920	84.1
Alamosa	2,380	2,360	99.2		20	.8		20	2,360	2,380	100.0			43,710	85.8
Arapahoe	50,950	12,160	23.9		38,790	76.1		5,630	1,610	7,240	14.2	33,160	10,550	43,710	85.8
Archuleta	1,480	1,440	97.3		40	2.7		10	440	450	30.4	30	1,000	1,030	69.6
Baca	131,460	1,960	1.5		129,500	98.5						129,500	1,960	131,460	100.0
Bent	3,490	350	10.0		3,140	89.0		2,710	120	2,830	81.1	430	230	660	18.9
Boulder	18,110	7,420	41.0		10,690	59.0		7,230	7,040	14,270	78.8	3,460	380	3,840	21.2
Chaffee	840	840	100.0						840	840	100.0				
Cheyenne	7,390	2,210	29.9		5,180	70.1						5,180	2,210	7,390	100.0
Clear Creek															
Conejos	4,960	4,960	100.0						4,960	4,960	100.0				
Costilla	1,900	1,580	83.2		320	16.8		320	1,580	1,900	100.0				
Crowley	270	120	44.4		150	55.6		150	120	270	100.0				
Custer	650	470	72.3		180	27.7		70	190	260	40.0	110	280	390	60.0
Delta	3,110	2,690	86.5		420	13.5		350	2,680	3,030	97.4	70	10	80	2.6
Denver															
Dolores	3,770	1,640	43.5		2,130	56.5						2,130	1,640	3,770	100.0
Douglas	5,660	880	15.5		4,780	84.5			10	10	.2	4,780	870	5,650	99.8
Eagle	900	770	85.6		130	14.4		80	740	820	91.1	50	30	80	8.9
Elbert	31,940	13,120	42.3		17,820	57.7			10	10		17,920	13,110	31,030	100.0
El Paso	4,710	3,230	68.6		1,480	31.4		20	320	340	7.2	1,460	2,910	4,370	92.8
Fremont	580	410	70.7		170	29.3		80	320	400	69.0	90	90	180	31.0
Garfield	4,650	4,540	97.6		110	2.4		50	3,910	3,960	85.2	60	630	690	14.8
Gilpin	10	10	100.0										10	10	100.0
Grand	100	100	100.0		90	90.0		80	10	90	90.0	10		10	10.0
Gunnison	140	100	71.4		40	28.6			40		28.6		60	100	71.4
Hinsdale															
Huerfano	2,980	440	14.8		2,540	85.2		10	120	130	4.4	2,530	320	2,850	95.6

Jackson	13,390	5,830	43.5	7,550	56.5	5,060	5,180	10,240	76.5	2,500	650	3,150	23.5
Jefferson	1,350	640	47.4	710	52.6	---	30	30	2.2	710	610	1,320	97.8
Kiowa	79,960	21,840	27.3	58,120	72.7	---	90	90	.1	58,120	21,750	79,870	99.9
Kit Carson	---	---	---	---	---	---	---	---	---	---	---	---	---
Lake	9,950	8,860	89.0	1,090	11.0	880	7,020	7,900	79.4	210	1,840	2,050	20.6
La Plata	28,400	11,780	41.5	16,620	58.5	4,440	8,280	12,670	49.4	12,180	3,550	16,730	55.4
Larimer	3,940	1,730	18.5	3,210	81.5	720	90	810	20.6	2,490	640	3,130	79.4
Las Animas	44,810	21,600	48.2	23,210	51.8	---	---	---	---	23,210	21,600	44,810	100.0
Lincoln	158,600	14,400	9.1	144,200	90.9	1,150	630	1,780	1.1	143,050	13,770	156,820	98.9
Logan	---	---	---	---	---	---	---	---	---	---	---	---	---
Mesa	5,100	3,020	59.2	2,080	40.8	1,590	2,700	4,290	84.1	490	320	810	15.9
Mineral	---	---	---	---	---	---	---	---	---	---	---	---	---
Moffat	8,040	4,020	50.0	4,020	50.0	90	140	230	2.9	3,930	3,880	7,810	97.1
Montezuma	7,050	6,120	86.7	940	13.3	280	2,710	2,990	42.4	660	3,410	4,070	57.6
Montrose	8,370	7,890	94.3	480	5.7	400	7,880	8,280	98.9	80	10	8,380	1.1
Morgan	46,170	14,710	31.9	31,460	68.1	7,650	370	8,020	17.4	23,810	14,340	38,150	82.6
Otero	2,300	710	30.9	1,590	69.1	1,420	630	2,050	89.1	170	80	250	10.9
Ouray	1,050	1,010	95.3	50	4.7	---	690	690	65.1	50	320	370	34.9
Park	60	60	100.0	---	---	---	---	---	---	---	---	---	---
Phillips	124,280	1,940	1.6	122,340	98.4	---	---	---	---	122,340	1,940	124,280	100.0
Pitkin	460	460	100.0	---	---	---	460	460	100.0	---	---	---	---
Prowers	19,810	1,610	8.1	18,200	91.9	4,550	370	4,820	24.8	13,650	1,240	14,890	75.2
Pueblo	11,300	1,860	13.8	9,740	86.2	660	560	1,220	10.8	9,080	1,000	10,080	89.2
Rio Blanco	4,270	2,820	66.0	1,450	34.0	30	550	580	13.6	1,420	2,270	3,690	86.4
Rio Grande	2,610	2,610	100.0	---	---	---	2,610	2,610	100.0	---	---	---	---
Routt	5,830	3,860	66.2	1,970	33.8	30	20	50	.7	1,940	3,840	5,780	99.3
Saguache	1,240	1,240	100.0	---	---	---	1,240	1,240	100.0	---	---	---	---
San Juan	---	---	---	---	---	---	---	---	---	---	---	---	---
San Miguel	1,070	420	39.3	650	60.7	10	410	420	39.3	640	10	550	60.7
Sedgwick	81,720	99.5	400	81,320	99.5	320	120	440	5	81,000	280	81,280	99.5
Summit	60	10	16.7	50	83.3	50	10	60	100.0	---	---	---	---
Teller	40	30	75.0	10	25.0	---	---	---	---	10	30	40	100.0
Washington	99,360	20,140	20.3	79,220	79.7	160	80	240	.2	79,060	20,060	99,120	99.8
Weld	194,450	56,410	29.0	138,040	71.0	16,430	18,050	34,480	17.7	121,610	38,360	159,970	82.3
Yuma	134,060	9,460	7.1	124,600	92.9	---	---	---	---	124,600	9,460	134,060	100.0
State	1,459,000	312,000	21.4	1,147,000	78.6	68,070	95,380	163,450	11.2	1,078,930	216,620	1,295,550	88.8

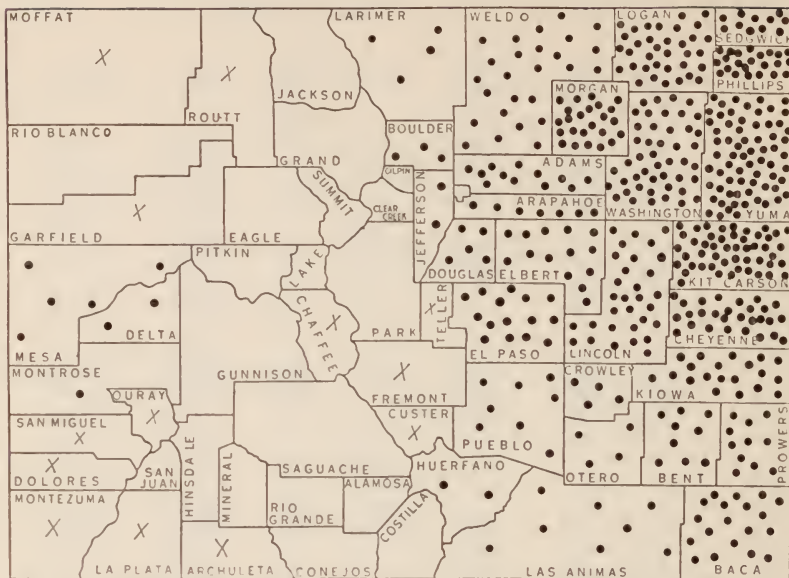
DISTRIBUTION OF WHEAT PRODUCTION, 1930

COUNTY	Total Production Bushels	SPRING WHEAT		WINTER WHEAT		IRRIGATED		NON-IRRIGATED	
		Bushels	% of All Wheat Production	Bushels	% of All Wheat Production	Bushels	% of All Wheat Production	Bushels	% of All Wheat Production
Adams-----	1,012,490	369,890	36.53	642,600	63.47	353,290	34.89	659,200	65.11
Alamosa-----	61,880	61,360	99.16	520	.84	61,880	100.00	---	---
Arapahoe-----	576,810	143,250	24.83	433,560	75.17	183,420	31.80	393,390	68.20
Archuleta-----	29,700	29,080	97.91	620	2.09	14,310	48.18	15,390	51.82
Baca-----	1,053,640	17,640	1.67	1,036,000	98.33	---	---	1,053,640	100.00
Bent-----	93,420	5,540	5.93	87,880	94.07	87,250	93.40	6,170	6.60
Boulder-----	532,350	238,400	44.78	293,950	55.22	470,910	88.46	61,440	11.54
Chaffee-----	17,640	17,640	100.00	---	---	17,640	100.00	---	---
Cheyenne-----	66,510	19,890	29.91	46,620	70.09	---	---	66,510	100.00
Clear Creek-----	---	---	---	---	---	---	---	---	---
Conejos-----	133,920	133,920	100.00	---	---	133,920	100.00	---	---
Costilla-----	54,480	44,240	81.20	10,240	18.80	54,480	100.00	---	---
Crowley-----	7,830	3,480	44.44	4,350	55.56	7,830	100.00	---	---
Custer-----	13,090	10,170	77.69	2,920	22.31	6,950	53.09	6,140	46.91
Delta-----	101,050	88,590	87.67	12,460	12.33	99,990	98.95	1,060	1.05
Denver-----	---	---	---	---	---	---	---	---	---
Dolores-----	43,770	24,600	56.20	19,170	43.80	---	---	43,770	100.00
Douglas-----	60,710	8,130	13.39	52,580	86.61	300	.49	60,410	99.51
Eagle-----	31,800	27,920	87.80	3,880	12.20	30,260	95.16	1,540	4.84
Elbert-----	248,540	105,180	42.32	143,360	57.68	300	.12	248,240	99.88
El Paso-----	52,730	36,110	68.48	16,620	31.52	10,480	19.87	42,250	80.13
Fremont-----	13,860	10,950	79.00	2,910	21.00	11,520	83.12	2,340	16.88
Garfield-----	147,160	144,280	98.04	2,880	1.96	134,740	91.56	12,420	8.44
Gilpin-----	160	160	100.00	---	---	---	---	160	100.00
Grand-----	2,710	360	13.28	2,350	86.72	2,520	92.99	190	7.01
Gunnison-----	3,280	2,720	82.93	560	17.07	1,520	46.34	1,760	53.66
Hinsdale-----	---	---	---	---	---	---	---	---	---
Huerfano-----	38,210	7,560	19.79	30,650	80.21	4,010	10.49	34,200	89.51
Jackson-----	---	---	---	---	---	---	---	---	---
Jefferson-----	343,440	154,140	44.88	189,300	55.12	296,840	86.43	46,600	13.57
Kiowa-----	14,850	6,330	42.63	8,520	57.37	840	5.66	14,010	94.34
Kit Carson-----	837,770	198,450	23.69	639,320	76.31	2,700	.32	835,070	99.68
Lake-----	---	---	---	---	---	---	---	---	---
La Plata-----	246,250	224,160	91.03	22,090	8.97	215,920	87.68	30,330	12.32
Larimer-----	662,690	321,290	48.48	341,400	51.52	418,110	63.09	244,580	36.91
Las Animas-----	53,370	10,470	19.62	42,900	80.38	20,790	38.95	32,580	61.05
Lincoln-----	290,460	151,200	52.06	139,260	47.94	---	---	290,460	100.00
Logan-----	2,220,820	184,770	8.32	2,036,050	91.68	52,880	2.38	2,167,940	97.62
Mesa-----	136,060	80,400	59.09	55,660	40.91	124,890	91.79	11,170	8.21
Mineral-----	---	---	---	---	---	---	---	---	---
Moffat-----	123,360	58,940	45.92	69,420	54.08	7,230	5.63	121,130	94.37
Montezuma-----	149,910	132,450	88.35	17,460	11.65	88,860	59.28	61,050	40.72
Montrose-----	274,520	260,200	94.78	14,320	5.22	273,240	99.53	1,280	.47
Morgan-----	585,890	125,080	21.35	460,810	78.65	209,260	35.72	376,630	64.28
Otero-----	66,840	19,700	29.47	47,140	70.53	64,340	96.26	2,500	3.74
Ouray-----	29,870	29,220	97.82	650	2.18	23,460	78.54	6,410	21.46
Park-----	840	840	100.00	---	---	---	---	840	100.00
Phillips-----	2,227,340	25,220	1.13	2,202,120	98.87	---	---	2,227,340	100.00
Pitkin-----	17,480	17,480	100.00	---	---	17,480	100.00	---	---
Prowers-----	289,600	21,150	7.30	268,450	92.70	141,940	49.01	147,660	50.99
Pueblo-----	157,100	27,680	17.62	129,420	82.38	36,140	23.00	120,960	77.00
Rio Blanco-----	92,300	65,750	71.24	26,550	28.76	21,340	23.12	70,960	76.88
Rio Grande-----	60,030	60,030	100.00	---	---	60,030	100.00	---	---
Routt-----	107,740	65,980	61.24	41,760	38.76	1,720	1.60	106,020	98.40
Saguache-----	27,280	27,280	100.00	---	---	27,280	100.00	---	---
San Juan-----	---	---	---	---	---	---	---	---	---
San Miguel-----	21,070	13,710	65.07	7,360	34.93	13,550	65.73	7,220	34.26
Sedgwick-----	1,637,880	8,600	.53	1,629,280	99.47	13,120	.80	1,624,760	99.20
Summit-----	2,050	350	17.07	1,700	82.93	2,050	100.00	---	---
Teller-----	620	510	82.26	110	17.74	---	---	620	100.00
Washington-----	1,136,060	183,020	16.11	953,040	83.89	6,800	.60	1,129,260	99.40
Weld-----	3,073,390	999,560	32.52	2,073,830	67.48	1,070,500	34.83	2,002,890	65.17
Yuma-----	2,490,380	122,980	4.94	2,367,400	95.06	---	---	2,490,380	100.00
State-----	21,780,000	5,148,000	23.64	16,632,000	76.36	4,899,130	22.49	16,880,870	77.51

ACREAGE AND PRODUCTION OF CORN, 1930

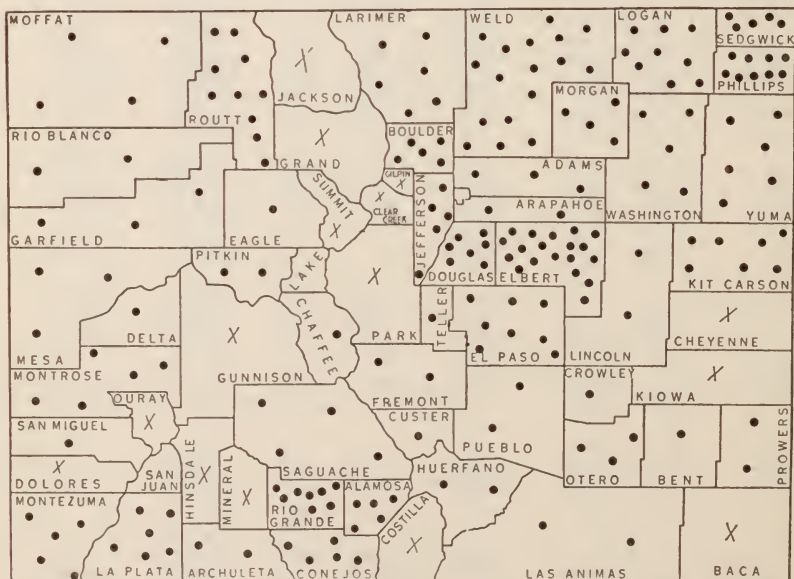
COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams-----	2,560	40	102,400	32,920	21	691,320	35,480	793,720
Alamosa-----	---	---	---	---	---	---	---	---
Arapahoe-----	600	40	24,000	21,670	21	455,070	22,270	479,070
Archuleta-----	360	34	12,240	60	20	1,200	420	13,440
Baca-----	---	---	---	56,480	16	903,680	56,480	903,680
Bent-----	12,150	46	558,900	14,030	19	266,570	26,180	825,470
Boulder-----	7,620	45	342,900	2,800	22	61,600	10,420	404,500
Chaffee-----	10	45	450	---	---	---	10	450
Cheyenne-----	---	---	---	84,620	21	1,777,020	84,620	1,777,020
Clear Creek-----	---	---	---	---	---	---	---	---
Conejos-----	---	---	---	---	---	---	---	---
Costilla-----	---	---	---	---	---	---	---	---
Crowley-----	6,840	48	328,320	6,170	19	117,230	13,010	445,550
Custer-----	100	48	4,800	740	24	17,760	840	22,560
Delta-----	4,500	48	216,000	140	19	2,660	4,640	218,660
Denver-----	---	---	---	---	---	---	---	---
Dolores-----	---	---	---	1,670	17	28,390	1,670	28,390
Douglas-----	---	---	---	14,390	26	374,140	14,390	374,140
Eagle-----	---	---	---	---	---	---	---	---
Elbert-----	---	---	---	40,540	21	851,340	40,540	851,340
El Paso-----	870	39	33,930	44,760	23	1,029,480	45,630	1,063,410
Fremont-----	2,170	51	110,670	640	22	14,080	2,810	124,750
Garfield-----	750	46	34,500	90	21	1,890	840	36,390
Gilpin-----	---	---	---	---	---	---	---	---
Grand-----	---	---	---	---	---	---	---	---
Gunnison-----	---	---	---	---	---	---	---	---
Hinsdale-----	---	---	---	---	---	---	---	---
Huerfano-----	380	30	11,400	5,760	20	115,200	6,140	126,600
Jackson-----	---	---	---	---	---	---	---	---
Jefferson-----	4,040	36	145,440	3,170	20	63,400	7,210	208,840
Kiowa-----	---	---	---	60,210	18	1,083,780	60,210	1,083,780
Kit Carson-----	---	---	---	148,130	22	3,258,860	148,130	3,258,860
Lake-----	---	---	---	---	---	---	---	---
La Plata-----	830	28	23,240	1,410	17	23,970	2,240	47,210
Larimer-----	7,740	45	348,300	5,500	23	126,500	13,240	474,800
Las Animas-----	1,020	51	52,020	22,200	13	288,600	23,220	340,620
Lincoln-----	---	---	---	93,640	20	1,872,800	93,640	1,872,800
Logan-----	5,900	44	259,600	99,410	27	2,684,070	105,310	2,943,670
Mesa-----	14,020	44	616,880	1,080	20	21,600	15,100	638,480
Mineral-----	---	---	---	---	---	---	---	---
Moffat-----	---	---	---	1,080	25	27,000	1,080	27,000
Montezuma-----	600	32	19,200	2,320	21	48,720	2,920	67,920
Montrose-----	4,210	48	202,080	60	19	1,140	4,270	203,220
Morgan-----	6,280	46	288,880	66,710	22	1,467,620	72,990	1,756,500
Otero-----	11,370	52	591,240	1,900	19	36,100	13,270	627,340
Ouray-----	200	46	9,200	---	---	---	200	9,200
Park-----	---	---	---	---	---	---	---	---
Phillips-----	---	---	---	69,420	26	1,804,920	69,420	1,804,920
Pitkin-----	---	---	---	---	---	---	---	---
Prowers-----	14,180	44	623,920	20,240	15	303,600	34,420	927,520
Pueblo-----	8,630	53	457,390	15,480	18	278,640	24,110	736,030
Rio Blanco-----	---	---	---	---	---	---	---	---
Rio Grande-----	---	---	---	---	---	---	---	---
Routt-----	70	43	3,010	---	---	---	70	3,010
Saguache-----	---	---	---	---	---	---	---	---
San Juan-----	---	---	---	---	---	---	---	---
San Miguel-----	60	44	2,640	260	19	4,940	320	7,580
Sedgwick-----	2,820	44	124,080	30,460	25	761,500	33,280	885,580
Summit-----	---	---	---	---	---	---	---	---
Teller-----	---	---	---	50	23	1,150	50	1,150
Washington-----	970	39	37,830	137,830	26	3,583,580	138,800	3,621,410
Weld-----	16,460	42	691,320	65,430	20	1,308,600	81,890	1,999,920
Yuma-----	---	---	---	204,220	25	5,105,500	204,220	5,105,500
State-----	138,310	---	6,276,780	1,377,690	---	30,865,220	1,516,000	37,142,000

DISTRIBUTION OF CORN, 1930



Each dot represents 3,000 acres; cross represents acreages of less than 3,000.

DISTRIBUTION OF OATS ACREAGE, 1930



Each dot represents 1,000 acres; cross represents acreages of less than 1,000. Chart represents acreages of oats threshed for grain only.

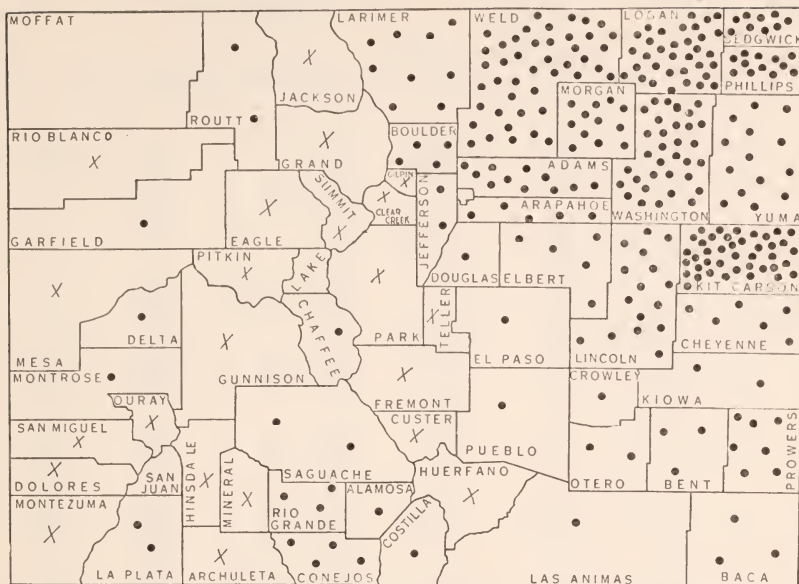
ACREAGE AND PRODUCTION OF OATS, 1930

COUNTY	IRRIGATED			NON-IRRIGATED			TOTALS	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	1,600	46	73,600	970	21	20,370	2,570	93,970
Alamosa	4,930	37	182,410	---	---	---	4,930	182,410
Arapahoe	490	40	19,600	1,070	22	23,540	1,560	43,140
Archuleta	210	46	9,660	1,460	24	35,040	1,670	44,700
Baca	---	---	---	180	12	2,160	180	2,160
Bent	1,170	50	58,500	---	---	---	1,170	58,500
Boulder	4,080	49	199,920	570	21	11,970	4,650	211,890
Chaffee	1,390	50	69,500	---	---	---	1,390	69,500
Cheyenne	---	---	---	780	19	14,820	780	14,820
Clear Creek	10	48	480	180	24	4,320	190	4,800
Conejos	5,390	41	220,990	60	21	1,260	5,450	222,250
Costilla	640	38	24,320	---	---	---	640	24,320
Crowley	1,080	53	57,240	10	20	200	1,090	57,440
Custer	1,100	44	48,400	1,530	30	45,900	2,630	94,300
Delta	1,070	50	53,500	20	24	480	1,090	53,980
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	920	25	23,000	920	23,000
Douglas	20	40	800	7,140	25	178,500	7,160	179,300
Eagle	1,460	60	87,600	20	29	580	1,480	88,180
Elbert	---	---	---	10,320	18	185,760	10,320	185,760
El Paso	240	42	10,080	16,620	17	282,540	16,860	292,620
Fremont	590	44	25,960	990	25	24,750	1,580	50,710
Garfield	2,370	53	125,610	140	25	3,500	2,510	129,110
Gilpin	---	---	---	520	20	10,400	520	10,400
Grand	980	42	41,160	---	---	---	980	41,160
Gunnison	150	42	6,300	500	25	12,500	650	18,800
Hinsdale	30	43	1,290	320	27	8,640	350	9,930
Huerfano	490	52	25,480	1,440	29	41,760	1,930	67,240
Jackson	140	52	7,280	20	27	540	160	7,820
Jefferson	2,670	46	122,820	2,610	21	54,810	5,280	177,630
Kiowa	---	---	---	160	19	3,040	160	3,040
Kit Carson	20	30	600	6,890	21	144,690	6,910	145,290
Lake	---	---	---	---	---	---	---	---
La Plata	4,310	45	193,950	1,670	28	46,760	5,980	240,710
Larimer	4,870	55	267,850	1,140	22	25,080	6,010	292,930
Las Animas	670	40	26,800	1,050	15	15,750	1,720	42,550
Lincoln	---	---	---	1,540	16	24,640	1,540	24,640
Logan	3,660	54	197,640	5,410	23	124,430	9,070	322,070
Mesa	3,040	46	139,840	330	22	7,260	3,370	147,100
Mineral	150	40	6,000	---	---	---	150	6,000
Moffat	610	41	25,010	3,400	32	108,800	4,010	133,810
Montezuma	3,790	46	174,340	1,300	22	28,600	5,090	202,940
Montrose	5,130	48	246,240	20	26	520	5,150	246,760
Morgan	2,470	51	125,970	1,690	18	30,420	4,160	156,390
Otero	2,600	55	143,000	---	---	---	2,600	143,000
Ouray	710	50	35,500	120	29	3,480	830	38,980
Park	---	---	---	480	23	11,040	480	11,040
Phillips	---	---	---	9,370	28	262,360	9,370	262,360
Pitkin	1,570	55	86,350	---	---	---	1,570	86,350
Prowers	1,440	47	67,680	230	17	3,910	1,670	71,590
Pueblo	1,000	49	49,000	1,170	20	23,400	2,170	72,400
Rio Blanco	1,660	58	96,280	750	30	22,500	2,410	118,780
Rio Grande	7,700	32	246,400	---	---	---	7,700	246,400
Routt	360	54	19,440	9,380	35	328,300	9,740	347,740
Saguache	4,310	32	137,920	---	---	---	4,310	137,920
San Juan	---	---	---	---	---	---	---	---
San Miguel	540	55	29,700	720	30	21,600	1,260	51,300
Sedgwick	1,320	57	75,240	3,300	30	99,000	4,620	174,240
Summit	170	55	9,350	---	---	---	170	9,350
Teller	---	---	---	1,250	26	32,500	1,250	32,500
Washington	170	47	7,990	5,000	19	95,000	5,170	102,990
Weld	11,140	46	512,440	5,980	20	119,600	17,120	632,040
Yuma	10	45	450	5,540	25	138,500	5,550	138,950
State	95,720	---	4,393,480	116,280	---	2,708,520	212,000	7,102,000

ACREAGE AND PRODUCTION OF BARLEY, 1930

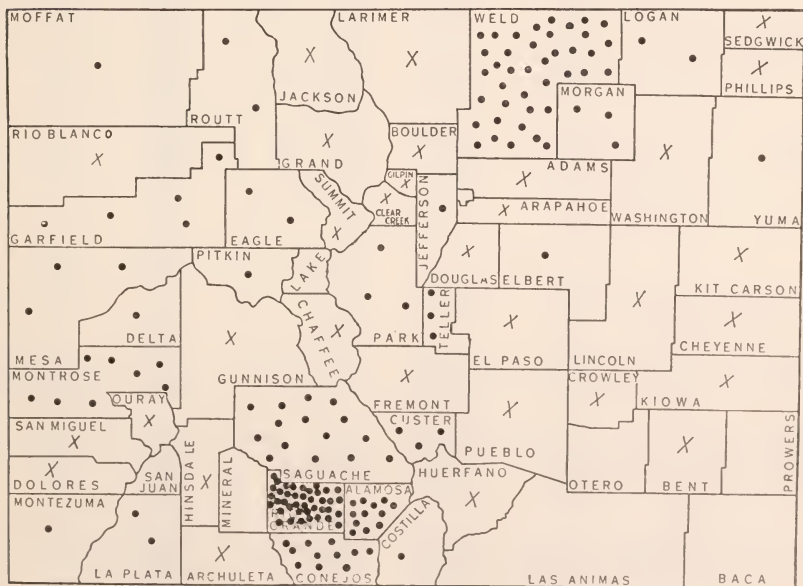
COUNTY	IRRIGATED			NON-IRRIGATED			TOTALS	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams-----	3,500	34	119,000	18,800	13	244,400	22,300	363,400
Alamosa-----	2,700	34	91,800	---	---	---	2,700	91,800
Arapahoe-----	780	37	28,860	8,230	13	106,990	9,010	135,850
Archuleta-----	100	44	4,400	410	25	10,250	510	14,650
Baca-----	---	---	---	5,010	12	60,120	5,010	60,120
Bent-----	4,970	45	223,650	110	14	1,540	5,080	225,190
Boulder-----	7,970	49	390,530	270	20	5,400	8,240	395,930
Chaffee-----	2,010	38	76,380	---	---	---	2,010	76,380
Cheyenne-----	---	---	---	11,560	16	184,960	11,560	184,960
Clear Creek-----	---	---	---	10	21	210	10	210
Conejos-----	8,420	40	336,800	---	---	---	8,420	336,800
Costilla-----	2,520	33	83,160	---	---	---	2,520	83,160
Crowley-----	2,730	49	133,770	---	---	---	2,730	133,770
Custer-----	700	36	25,200	1,140	18	20,520	1,840	45,720
Delta-----	2,220	44	97,680	20	20	400	2,240	98,080
Denver-----	---	---	---	---	---	---	---	---
Dolores-----	---	---	---	390	19	7,410	390	7,410
Douglas-----	---	---	---	2,900	22	63,800	2,900	63,800
Eagle-----	300	44	13,200	10	26	260	310	13,460
Elbert-----	---	---	---	9,860	12	118,320	9,860	118,320
El Paso-----	480	44	21,120	2,200	17	37,400	2,680	58,520
Fremont-----	530	40	21,200	260	14	3,640	790	24,840
Garfield-----	2,300	44	101,200	180	23	4,140	2,480	105,340
Gilpin-----	---	---	---	10	23	230	10	230
Grand-----	680	48	32,640	---	---	---	680	32,640
Gunnison-----	170	40	6,800	210	23	4,830	380	11,630
Hinsdale-----	30	39	1,170	20	21	420	50	1,590
Huerfano-----	500	42	21,000	510	19	9,690	1,010	30,690
Jackson-----	40	37	1,480	---	---	---	40	1,480
Jefferson-----	3,160	39	123,240	860	20	17,200	4,020	140,440
Kiowa-----	30	39	1,170	4,020	17	68,340	4,050	69,510
Kit Carson-----	---	---	---	81,610	17	1,387,370	81,610	1,387,370
Lake-----	---	---	---	---	---	---	---	---
La Plata-----	2,000	39	78,000	760	23	17,480	2,760	95,480
Larimer-----	13,750	53	728,750	3,330	24	79,920	17,080	808,670
Las Animas-----	330	39	12,870	2,080	11	22,880	2,410	35,750
Lincoln-----	30	58	1,140	31,090	11	341,990	31,120	343,130
Logan-----	14,980	47	704,060	53,420	22	1,175,240	68,400	1,879,300
Mesa-----	1,720	43	73,960	210	21	4,410	1,930	78,370
Mineral-----	130	33	4,290	---	---	---	130	4,290
Moffat-----	130	39	5,070	2,070	21	43,470	2,200	48,540
Montezuma-----	1,030	36	37,080	340	21	7,140	1,370	44,220
Montrose-----	2,670	41	109,470	---	---	---	2,670	109,470
Morgan-----	10,570	47	496,790	13,030	19	247,570	23,600	744,360
Otero-----	3,160	45	142,200	160	13	2,080	3,320	144,280
Ouray-----	220	38	8,360	380	19	7,220	600	15,580
Park-----	---	---	---	530	21	11,130	530	11,130
Phillips-----	---	---	---	24,870	25	621,750	24,870	621,750
Pitkin-----	120	33	3,960	---	---	---	120	3,960
Prowers-----	9,380	41	384,580	4,940	12	59,280	14,320	443,860
Pueblo-----	1,980	47	93,060	500	16	8,000	2,480	101,060
Rio Blanco-----	40	43	1,720	470	24	11,280	510	13,000
Rio Grande-----	6,820	31	211,420	---	---	---	6,820	211,420
Routt-----	170	41	6,970	4,430	27	119,610	4,600	126,580
Saguache-----	3,180	29	92,220	---	---	---	3,180	92,220
San Juan-----	---	---	---	---	---	---	---	---
San Miguel-----	350	40	14,000	980	22	21,560	1,330	35,560
Sedgwick-----	3,510	49	171,990	13,640	29	395,560	17,150	567,550
Summit-----	70	43	3,010	---	---	---	70	3,010
Teller-----	---	---	---	310	20	6,200	310	6,200
Washington-----	1,200	43	51,600	65,470	17	1,112,990	66,670	1,164,590
Weld-----	44,600	50	2,230,000	43,900	16	702,400	88,500	2,932,400
Yuma-----	110	38	4,180	27,400	22	602,800	27,510	606,980
State-----	169,090	---	7,626,200	442,910	---	7,979,800	612,000	15,606,000

DISTRIBUTION OF BARLEY ACREAGE, 1930



Each dot represents 2,000 acres; cross represents acreages of less than 2,000.

DISTRIBUTION OF POTATO ACREAGE, 1930



Each dot represents 500 acres; cross represents acreages of less than 500.

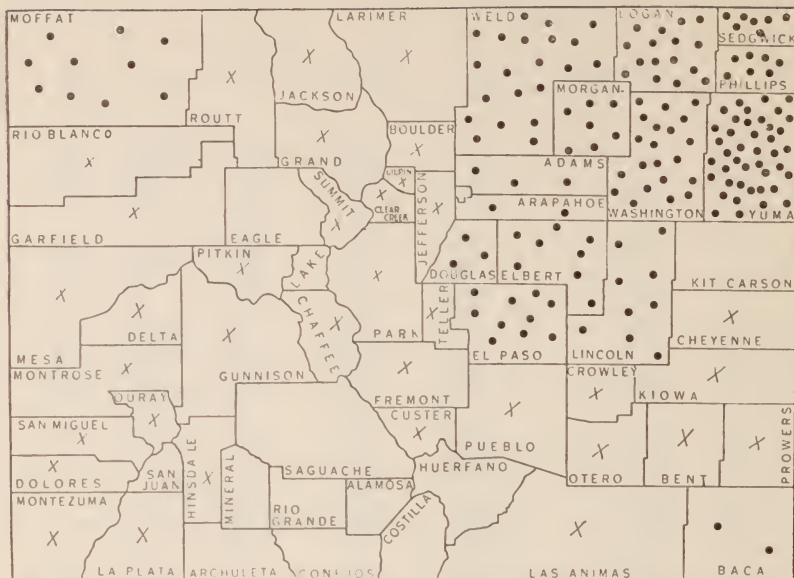
ACREAGE AND PRODUCTION OF POTATOES, 1930

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Bushels	Acreage	Production Bushels
Adams	110	160	17,600	10	85	850	120	18,450
Alamosa	5,830	192	1,119,360	---	---	---	5,830	1,119,360
Arapahoe	10	135	1,350	---	---	---	10	1,350
Archuleta	---	---	---	160	100	16,000	160	16,000
Baca	---	---	---	---	---	---	---	---
Bent	10	90	900	---	---	---	10	900
Boulder	50	180	9,000	---	---	---	50	9,000
Chaffee	390	150	58,500	---	---	---	390	58,500
Cheyenne	---	---	---	30	100	3,000	30	3,000
Clear Creek	---	---	---	20	65	1,300	20	1,300
Conejos	5,420	203	1,100,260	---	---	---	5,420	1,100,260
Costilla	690	207	142,830	---	---	---	690	142,830
Crowley	---	---	---	10	100	1,000	10	1,000
Custer	70	179	12,530	1,650	153	252,450	1,720	264,980
Delta	720	174	125,280	---	---	---	720	125,280
Denver	---	---	---	---	---	---	---	---
Dolores	---	---	---	180	85	15,300	180	15,300
Douglas	---	---	---	40	110	4,400	40	4,400
Eagle	1,210	260	314,600	10	150	1,500	1,220	316,100
Elbert	---	---	---	540	100	54,000	540	54,000
El Paso	---	---	---	420	100	42,000	420	42,000
Fremont	---	---	---	220	115	25,300	220	25,300
Garfield	2,490	210	522,900	50	120	6,000	2,540	528,900
Gilpin	---	---	---	70	90	6,300	70	6,300
Grand	80	110	8,800	---	---	---	80	8,800
Gunnison	70	185	12,950	160	100	16,000	230	28,950
Hinsdale	20	130	2,600	---	---	---	20	2,600
Huerfano	20	135	2,700	120	115	13,800	140	16,500
Jackson	---	---	---	40	170	6,800	40	6,800
Jefferson	100	165	16,500	500	95	47,500	600	64,000
Kiowa	---	---	---	10	75	750	10	750
Kit Carson	---	---	---	390	85	33,150	390	33,150
Lake	---	---	---	---	---	---	---	---
La Plata	540	162	87,480	290	95	27,550	830	115,030
Larimer	370	160	59,200	110	90	9,900	480	69,100
Las Animas	---	---	---	---	---	---	---	---
Lincoln	---	---	---	460	80	36,800	460	36,800
Logan	230	170	39,100	790	115	90,850	1,020	129,950
Mesa	1,170	176	205,920	240	90	21,600	1,410	227,520
Mineral	---	---	---	---	---	---	---	---
Moffat	40	210	8,400	500	115	57,500	540	65,900
Montezuma	380	160	60,800	350	85	29,750	730	90,550
Montrose	3,980	193	768,140	40	90	3,600	4,020	771,740
Morgan	1,250	180	225,000	30	110	3,300	1,280	228,300
Otero	---	---	---	---	---	---	---	---
Ouray	120	160	19,200	80	90	7,200	200	26,400
Park	---	---	---	1,370	100	137,000	1,370	137,000
Phillips	---	---	---	190	110	20,900	190	20,900
Pitkin	650	200	130,000	---	---	---	650	130,000
Prowers	---	---	---	---	---	---	---	---
Pueblo	---	---	---	10	80	800	10	800
Rio Blanco	10	204	2,040	40	130	5,200	50	7,240
Rio Grande	19,840	178	3,531,520	---	---	---	19,840	3,531,520
Routt	70	230	16,100	850	120	102,000	920	118,100
Saguache	7,450	159	1,206,900	---	---	---	7,450	1,206,900
San Juan	---	---	---	---	---	---	---	---
San Miguel	20	196	3,920	140	95	13,300	160	17,220
Sedgwick	400	166	66,400	40	100	4,000	440	70,400
Summit	20	179	3,580	10	115	1,150	30	4,730
Teller	---	---	---	1,290	120	154,800	1,290	154,800
Washington	20	145	2,900	400	97	38,800	420	41,700
Weld	19,160	194	3,717,040	550	98	53,900	19,710	3,770,940
Yuma	60	140	8,400	520	100	52,000	580	60,400
State	73,070	---	13,630,700	12,930	---	1,419,300	86,000	15,050,000

ACREAGE AND PRODUCTION OF RYE AND SUGAR BEETS, 1930

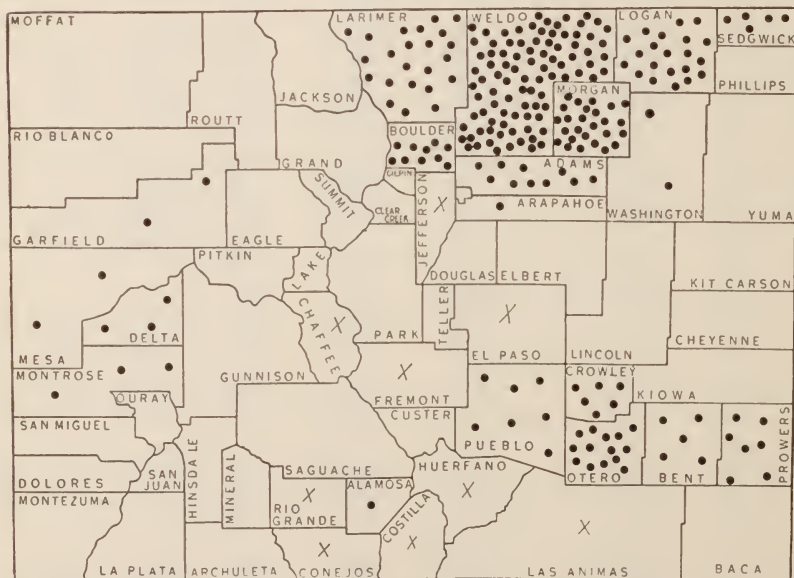
COUNTY	RYE FOR GRAIN			Acreage Rye for Pasture	Total Acreage	SUGAR BEETS		
	Acreage	Average Yield	Production Bushels			Acreage	Average Yield	Production Tons
Adams	1,620	12	19,440	612	2,232	10,640	13.4	142,576
Alamosa	---	---	---	---	---	1,190	6.8	8,092
Arapahoe	820	12	9,840	387	1,207	1,380	12.8	17,664
Archuleta	---	---	---	---	---	---	---	---
Baca	1,010	10	10,100	135	1,145	---	---	---
Bent	120	11	1,320	---	120	5,340	12.5	66,750
Boulder	160	12	1,920	72	232	9,760	12.8	124,928
Chaffee	40	13	520	---	40	80	3.9	312
Cheyenne	340	12	4,080	81	421	---	---	---
Clear Creek	10	9	90	---	10	---	---	---
Conejos	---	---	---	---	---	320	6.1	1,952
Costilla	---	---	---	36	36	20	7.6	152
Crowley	30	13	390	5	35	5,960	11.1	66,156
Custer	320	15	4,800	81	401	---	---	---
Delta	10	15	150	4	14	2,830	8.9	25,187
Denver	---	---	---	---	---	---	---	---
Dolores	180	13	2,340	81	261	---	---	---
Douglas	1,620	14	22,680	347	1,967	---	---	---
Eagle	---	---	---	---	---	---	---	---
Elbert	4,220	10	42,200	1,764	5,984	---	---	---
El Paso	5,190	10	51,900	1,975	7,165	610	11.0	6,710
Fremont	130	16	2,080	36	166	70	9.1	637
Garfield	240	15	3,600	18	258	1,730	14.8	25,604
Gilpin	10	15	150	---	10	---	---	---
Grand	100	11	1,100	45	145	---	---	---
Gunnison	10	11	110	9	19	---	---	---
Hinsdale	---	---	---	---	---	---	---	---
Huerfano	40	15	600	27	67	40	8.2	328
Jackson	50	11	550	14	64	---	---	---
Jefferson	200	13	2,600	9	209	980	11.3	11,074
Kiowa	120	9	1,080	---	120	---	---	---
Kit Carson	4,820	11	53,020	1,863	6,683	---	---	---
Lake	---	---	---	---	---	---	---	---
La Plata	30	14	420	4	34	---	---	---
Larimer	286	14	3,920	27	307	23,100	13.8	318,780
Las Animas	60	13	780	---	60	720	12.2	8,784
Lincoln	4,260	9	38,340	1,310	5,570	---	---	---
Logan	8,210	14	114,940	2,308	10,518	20,870	13.3	277,571
Mesa	180	16	2,880	90	270	1,910	8.4	16,044
Mineral	---	---	---	---	---	---	---	---
Moffat	4,990	11	54,890	1,386	6,376	---	---	---
Montezuma	40	12	480	23	63	---	---	---
Montrose	50	16	800	27	77	2,760	7.3	20,148
Morgan	3,620	11	39,820	895	4,515	25,780	14.5	373,810
Otero	20	15	300	---	20	13,850	12.7	175,895
Ouray	50	15	750	18	68	---	---	---
Park	400	12	4,800	117	517	---	---	---
Phillips	3,740	13	48,620	1,130	4,870	---	---	---
Pitkin	390	13	5,070	---	390	---	---	---
Prowers	110	11	1,210	22	132	7,240	11.5	83,260
Pueblo	150	11	1,650	68	218	6,860	12.8	87,808
Rio Blanco	210	11	2,310	81	291	---	---	---
Rio Grande	---	---	---	---	---	10	3.9	39
Routt	140	14	1,960	9	149	---	---	---
Saguache	---	---	---	---	---	---	---	---
San Juan	---	---	---	---	---	---	---	---
San Miguel	130	14	1,820	32	162	---	---	---
Sedgwick	2,280	14	31,920	729	3,009	4,960	13.8	68,448
Summit	40	11	440	9	49	---	---	---
Teller	110	12	1,320	40	150	---	---	---
Washington	10,420	11	114,620	3,690	14,110	1,510	13.3	20,083
Weld	10,440	10	104,400	3,483	13,923	92,480	14.6	1,350,208
Yuma	21,240	12	254,880	3,901	25,141	---	---	---
State	93,000	---	1,070,000	27,000	120,000	243,000	---	3,299,000

DISTRIBUTION OF RYE ACREAGE, 1930



Each dot represents 500 acres; cross represents acreages of less than 500.

DISTRIBUTION OF SUGAR BEET ACREAGE, 1930

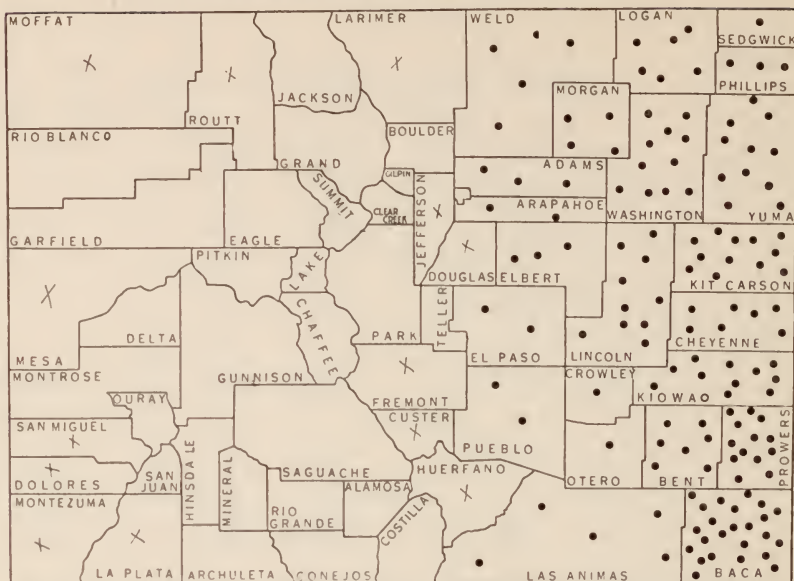


Each dot represents 1,000 acres; cross represents acreages of less than 1,000.

ACREAGE AND PRODUCTION OF GRAIN AND SWEET SORGHUMS, 1930

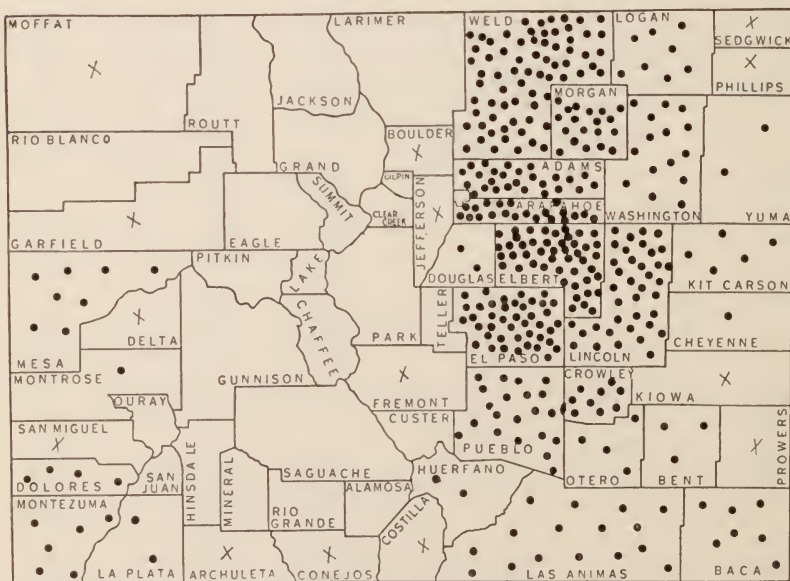
COUNTY	GRAIN			SWEET			Total Acreage
	Acreage	Average Yield	Production Bushels	Acreage	Average Yield	Production Tons	
Adams	2,270	12	27,240	2,930	2.1	6,153	5,200
Alamosa	---	---	---	---	---	---	---
Arapahoe	2,080	14	29,120	1,450	2.0	2,900	3,530
Archuleta	---	---	---	---	---	---	---
Baca	48,410	12	580,920	480	1.7	816	48,890
Bent	13,440	13	174,720	---	---	---	13,440
Boulder	---	---	---	---	---	---	---
Chaffee	---	---	---	---	---	---	---
Cheyenne	13,140	16	210,240	---	---	---	13,140
Clear Creek	---	---	---	---	---	---	---
Conejos	---	---	---	---	---	---	---
Costilla	---	---	---	---	---	---	---
Crowley	2,810	15	42,150	20	1.6	32	2,830
Custer	10	13	130	---	---	---	10
Delta	---	---	---	---	---	---	---
Denver	---	---	---	---	---	---	---
Dolores	70	13	910	80	2.2	176	150
Douglas	210	16	3,360	420	2.0	840	630
Eagle	---	---	---	---	---	---	---
Elbert	1,420	14	19,880	3,720	1.9	7,068	5,140
El Paso	2,980	16	47,680	560	1.9	1,064	3,540
Fremont	10	13	130	---	---	---	10
Garfield	---	---	---	---	---	---	---
Gilpin	---	---	---	---	---	---	---
Grand	---	---	---	---	---	---	---
Gunnison	---	---	---	---	---	---	---
Hinsdale	---	---	---	---	---	---	---
Huerfano	40	15	600	1,020	1.9	1,938	1,060
Jackson	---	---	---	---	---	---	---
Jefferson	30	14	420	---	---	---	30
Kiowa	13,560	16	216,960	9,490	1.9	18,031	23,050
Kit Carson	14,270	15	214,050	9,060	2.3	20,838	23,330
Lake	---	---	---	---	---	---	---
La Plata	90	13	1,170	20	2.2	44	110
Larimer	10	16	160	40	2.0	80	50
Las Animas	6,970	11	76,670	2,080	2.0	4,160	9,050
Lincoln	18,080	11	198,880	2,790	1.9	5,301	20,870
Logan	2,740	15	41,100	9,020	2.5	22,550	11,760
Mesa	160	16	2,560	20	2.5	50	180
Mineral	---	---	---	---	---	---	---
Moffat	50	12	600	50	1.7	85	100
Montezuma	260	12	3,120	---	---	---	260
Montrose	---	---	---	---	---	---	---
Morgan	4,280	13	55,640	2,960	2.2	6,512	7,240
Otero	2,710	13	35,230	260	2.4	624	2,970
Ouray	---	---	---	---	---	---	---
Park	---	---	---	---	---	---	---
Phillips	2,070	18	37,260	3,960	2.6	10,296	6,030
Pitkin	---	---	---	---	---	---	---
Prowers	21,640	13	281,320	5,040	1.8	9,072	26,680
Pueblo	4,020	13	52,260	330	2.0	660	4,350
Rio Blanco	---	---	---	---	---	---	---
Rio Grande	---	---	---	---	---	---	---
Routt	30	14	420	---	---	---	30
Saguache	---	---	---	---	---	---	---
San Juan	---	---	---	---	---	---	---
San Miguel	30	12	360	---	---	---	30
Sedgwick	1,220	18	21,960	570	2.5	2,175	2,090
Summit	---	---	---	---	---	---	---
Teller	---	---	---	---	---	---	---
Washington	15,140	14	211,960	6,570	2.3	15,111	21,710
Weld	4,590	14	64,260	5,720	2.4	13,728	10,310
Yuma	12,160	16	194,560	9,040	2.4	21,696	21,200
State	211,000	---	2,848,000	78,000	---	172,000	289,000

DISTRIBUTION OF SORGHUMS, 1930



Each dot represents 2,000 acres; cross represents acreages of less than 2,000.

DISTRIBUTION OF DRY BEAN ACREAGE, 1930



Each dot represents 1,000 acres; cross represents acreages of less than 1,000.

ACREAGE AND PRODUCTION OF DRY BEANS, 1930

COUNTY	IRRIGATED			NON-IRRIGATED			TOTAL	
	Acreeage	Average Yield	Production Bushels	Acreeage	Average Yield	Production Bushels	Acreeage	Production Bushels
Adams -----	420	17.0	7,140	25,820	8.4	216,888	26,240	224,028
Alamosa -----	---	---	---	---	---	---	---	---
Arapahoe -----	60	14.5	870	21,310	8.5	181,135	21,370	182,005
Archuleta -----	10	13.3	133	50	7.2	360	60	493
Baca -----	---	---	---	6,720	4.6	30,912	6,720	30,912
Bent -----	440	12.7	5,588	2,600	4.7	12,220	3,040	17,808
Boulder -----	170	16.4	2,788	190	8.5	1,615	360	4,403
Chaffee -----	---	---	---	---	---	---	---	---
Cheyenne -----	---	---	---	1,050	6.5	6,825	1,050	6,825
Clear Creek -----	---	---	---	---	---	---	---	---
Conejos -----	420	16.0	6,720	---	---	---	420	6,720
Costilla -----	460	12.5	5,750	---	---	---	460	5,750
Crowley -----	1,580	12.7	20,066	7,830	5.5	43,065	9,410	63,131
Custer -----	---	---	---	---	---	---	---	---
Delta -----	180	17.6	3,168	30	10.0	300	210	3,468
Denver -----	---	---	---	---	---	---	---	---
Dolores -----	---	---	---	3,810	9.5	36,195	3,810	36,195
Douglas -----	---	---	---	1,990	10.4	20,696	1,990	20,696
Eagle -----	---	---	---	---	---	---	---	---
Elbert -----	---	---	---	47,240	10.5	496,020	47,240	496,020
El Paso -----	40	16.5	660	41,710	10.4	433,784	41,750	434,444
Fremont -----	60	17.0	1,020	30	8.5	255	90	1,275
Garfield -----	120	13.0	1,560	---	---	---	120	1,560
Gilpin -----	---	---	---	---	---	---	---	---
Grand -----	---	---	---	---	---	---	---	---
Gunnison -----	---	---	---	---	---	---	---	---
Hinsdale -----	---	---	---	---	---	---	---	---
Huerfano -----	90	13.0	1,170	2,280	6.6	15,048	2,370	16,218
Jackson -----	---	---	---	---	---	---	---	---
Jefferson -----	200	16.0	3,200	---	---	---	200	3,200
Kiowa -----	---	---	---	430	6.7	2,881	430	2,881
Kit Carson -----	---	---	---	4,620	6.6	30,492	4,620	30,492
Lake -----	---	---	---	---	---	---	---	---
La Plata -----	900	12.0	10,800	680	6.7	4,556	1,580	15,356
Larimer -----	330	17.6	5,808	590	11.0	6,490	920	12,298
Las Animas -----	1,290	20.0	25,800	15,030	4.5	67,635	16,320	93,435
Lincoln -----	---	---	---	37,690	7.5	282,675	37,690	282,675
Logan -----	1,180	16.0	18,880	6,900	10.0	69,000	8,080	87,880
Mesa -----	7,780	19.5	151,710	590	10.6	6,254	8,370	157,964
Mineral -----	---	---	---	---	---	---	---	---
Moffat -----	---	---	---	60	7.8	468	60	468
Montezuma -----	360	16.2	5,832	5,400	9.4	50,760	5,760	56,592
Montrose -----	940	19.5	18,330	60	9.0	540	1,000	18,870
Morgan -----	2,010	18.2	36,582	17,120	10.5	179,760	19,130	216,342
Otero -----	3,690	16.4	60,516	130	5.7	741	3,820	61,257
Ouray -----	---	---	---	---	---	---	---	---
Park -----	---	---	---	---	---	---	---	---
Phillips -----	---	---	---	680	9.7	6,596	680	6,596
Pitkin -----	---	---	---	190	6.5	1,235	450	5,057
Prowers -----	260	14.7	3,822	---	---	---	---	---
Pueblo -----	3,450	18.0	62,100	17,970	8.2	147,354	21,420	209,454
Rio Blanco -----	---	---	---	---	---	---	---	---
Rio Grande -----	---	---	---	---	---	---	---	---
Routt -----	---	---	---	---	---	---	---	---
Saguache -----	---	---	---	---	---	---	---	---
San Juan -----	---	---	---	---	---	---	---	---
San Miguel -----	---	---	---	290	9.2	2,668	290	2,668
Sedgwick -----	80	17.2	1,376	20	10.0	200	100	1,576
Summit -----	---	---	---	---	---	---	---	---
Teller -----	---	---	---	---	---	---	---	---
Washington -----	130	18.0	2,340	15,290	9.2	140,668	15,420	143,008
Weld -----	21,070	20.0	421,400	48,700	10.8	525,960	69,770	947,360
Yuma -----	---	---	---	2,180	9.0	19,620	2,180	19,620
State -----	47,720	---	885,129	337,280	---	3,041,871	385,000	3,927,000

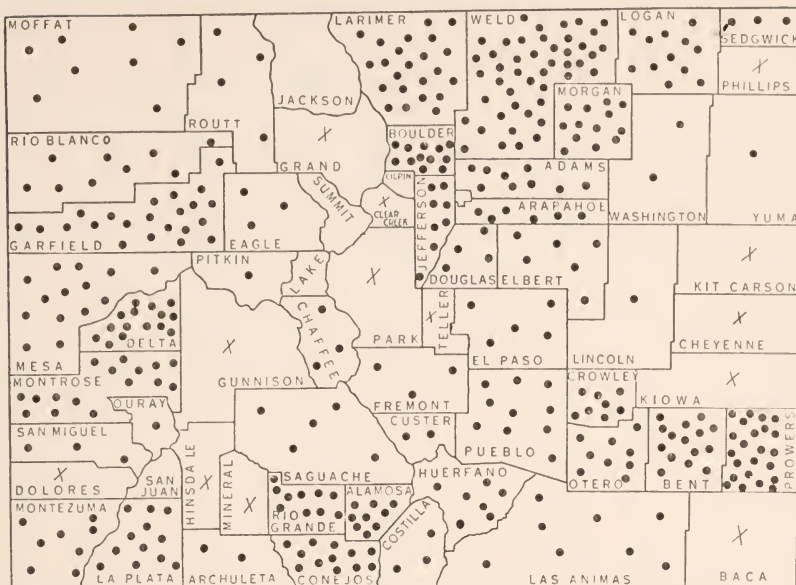
ACREAGE OF HAY CROPS, 1930

COUNTY	Alfalfa	All Clover and Timothy, Alone or Mixed	Millet and Sudan Grass	All Other Tame Hay*	Total Tame Hay	Wild Grass Cut for Hay	Total Hay
Adams.....	17,010	660	840	2,290	20,800	3,040	23,840
Alamosa.....	17,250	780	---	3,410	21,440	18,700	40,140
Arapahoe.....	12,480	70	555	1,700	14,805	1,400	16,205
Archuleta.....	4,890	8,760	165	1,510	15,325	2,060	17,385
Baca.....	1,140	30	965	760	2,895	110	3,005
Bent.....	30,280	440	425	290	31,435	200	31,635
Boulder.....	23,170	1,020	75	420	24,685	3,360	28,045
Chaffee.....	5,120	2,710	---	850	8,680	2,070	10,750
Cheyenne.....	190	---	5,040	220	5,450	---	5,450
Clear Creek.....	20	410	---	230	660	310	970
Concejos.....	24,110	8,560	---	3,580	36,250	15,210	51,460
Costilla.....	5,720	930	50	1,050	7,750	3,640	11,390
Crowley.....	15,600	80	235	340	16,255	---	16,255
Custer.....	4,120	850	---	3,810	8,780	9,800	18,580
Delta.....	30,650	1,390	45	1,880	33,965	40	34,005
Denver.....	---	---	---	---	---	---	---
Dolores.....	170	300	10	780	1,260	120	1,380
Douglas.....	7,300	2,990	285	3,090	13,665	2,510	16,175
Eagle.....	5,270	16,790	5	670	22,735	390	23,125
Elbert.....	11,140	870	3,625	8,140	23,775	3,540	27,315
El Paso.....	10,620	2,620	7,345	3,360	23,945	4,540	28,485
Fremont.....	6,750	1,760	190	2,000	10,700	1,600	12,300
Garfield.....	38,280	730	15	1,870	40,895	330	41,225
Gilpin.....	---	150	---	530	680	520	1,200
Grand.....	490	11,505	---	620	12,615	14,140	26,755
Gunnison.....	1,960	31,930	---	2,540	36,430	14,860	51,290
Hinsdale.....	50	1,760	---	190	2,000	1,260	3,260
Huerfano.....	14,920	570	740	2,550	18,780	1,720	20,500
Jackson.....	---	110	---	3,110	3,220	84,700	87,920
Jefferson.....	16,820	550	25	1,770	19,165	2,240	21,405
Kiowa.....	1,860	280	1,235	30	3,405	10	3,415
Kit Carson.....	1,120	220	8,125	480	9,945	970	10,915
Lake.....	---	---	---	720	720	4,470	5,190
La Plata.....	23,760	2,710	125	4,170	30,765	1,400	32,165
Larimer.....	46,170	570	155	540	47,435	8,200	55,635
Las Animas.....	15,100	970	2,400	5,480	23,950	580	24,530
Lincoln.....	2,510	240	9,850	7,190	19,790	2,420	22,210
Logan.....	23,620	1,210	8,535	580	33,945	12,420	46,365
Mesa.....	33,240	2,760	85	990	37,075	1,240	38,315
Mineral.....	20	200	---	420	640	2,310	2,950
Moffat.....	16,140	3,970	120	5,510	25,740	4,880	30,620
Montezuma.....	18,690	710	---	2,570	21,970	620	22,590
Montrose.....	32,450	3,660	15	560	36,635	1,960	38,645
Morgan.....	25,980	2,190	5,640	2,120	35,930	2,520	38,450
Otero.....	18,940	3,870	65	360	23,235	270	23,505
Ouray.....	2,740	6,180	---	460	9,380	1,990	11,370
Park.....	20	80	---	2,020	2,120	38,260	40,380
Phillips.....	860	360	4,485	250	5,955	200	6,155
Pitkin.....	2,700	6,690	---	240	9,630	470	10,100
Prowers.....	45,600	830	865	10	47,305	420	47,725
Pueblo.....	19,540	2,170	130	570	22,410	980	23,390
Rio Blanco.....	17,980	3,670	---	9,240	30,890	5,970	36,860
Rio Grande.....	19,260	9,210	---	2,030	30,500	12,200	42,700
Routt.....	7,210	35,800	10	6,600	49,620	5,210	54,830
Saguache.....	9,590	475	---	5,210	15,275	58,700	73,975
San Juan.....	---	---	---	---	---	---	---
San Miguel.....	5,630	4,320	5	140	10,095	240	10,335
Sedgwick.....	5,010	---	650	1,540	7,200	3,260	10,460
Summit.....	30	8,150	65	430	8,675	870	9,545
Teller.....	120	550	---	4,210	4,880	4,640	9,520
Washington.....	4,280	60	16,470	2,820	23,630	2,230	25,860
Weld.....	92,900	4,820	9,270	16,880	123,870	12,260	136,130
Yuma.....	2,410	750	9,065	70	12,295	6,420	18,715
State.....	801,000	207,000	98,000	138,000	1,244,000	391,000	1,635,000

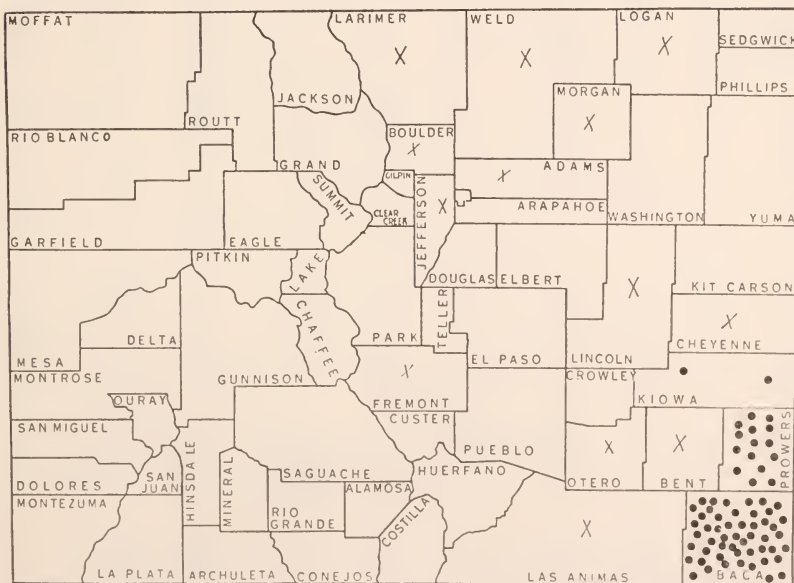
*Including 103,000 acres of grains cut green.

Note—The acreage of millet and sudan grass shown here does not include about 43,000 acres of millet grown for seed and not cut for hay. This additional acreage is shown in another table indicating the distribution of millet seed acreage.

DISTRIBUTION OF ALFALFA ACREAGE, 1930



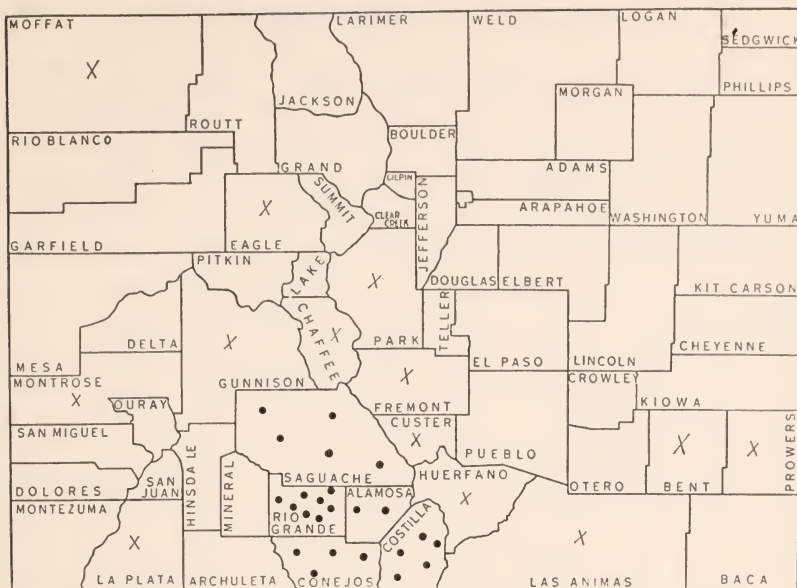
DISTRIBUTION OF BROOM CORN ACREAGE, 1930



ACREAGE OF MISCELLANEOUS CROPS, 1930

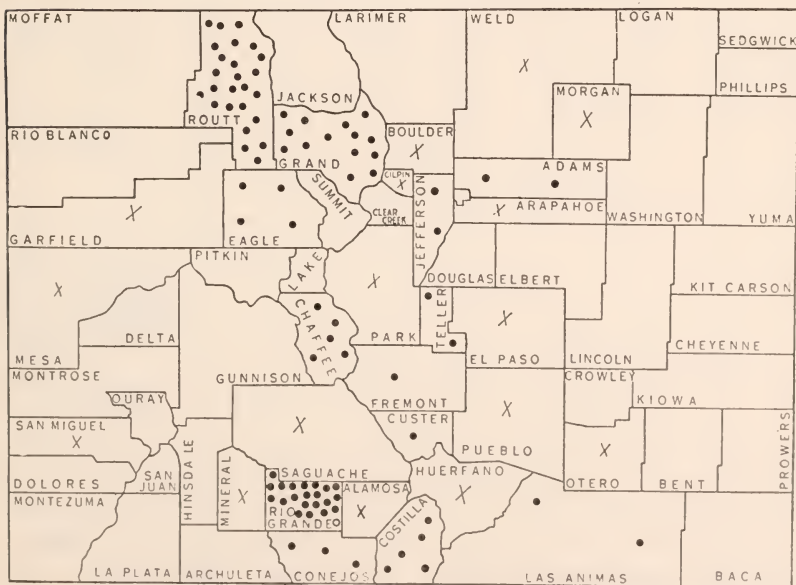
COUNTY	Snap Beans	Broom Corn	Field Peas	GARDEN PEAS			CUCUMBERS		
				For Market	For Mfg.	Total	For Pickles	For Seed	Total
Adams	397	20	---	210	375	585	420	---	420
Alamosa	---	---	4,450	400	---	400	---	---	---
Arapahoe	5	---	---	10	---	10	15	---	15
Archuleta	---	---	---	---	---	---	---	---	---
Baca	---	50,280	---	---	---	---	---	---	---
Bent	---	730	5	10	---	10	60	40	100
Boulder	240	20	---	10	1,183	1,198	190	---	190
Chaffee	---	---	1,650	700	---	700	---	---	---
Cheyenne	---	810	---	---	---	---	---	---	---
Clear Creek	---	---	---	---	---	---	---	---	---
Conejos	---	---	8,135	2,300	---	2,300	---	---	---
Costilla	---	---	9,930	750	---	750	---	---	---
Crowley	---	---	---	---	---	---	290	20	310
Custer	20	---	200	350	---	350	---	---	---
Delta	88	---	---	15	---	15	30	40	70
Denver	---	---	---	---	---	---	---	---	---
Dolores	---	---	---	---	---	---	---	---	---
Douglas	---	---	---	10	---	10	---	---	---
Eagle	---	---	45	130	---	130	---	---	---
Elbert	---	---	---	---	---	---	---	---	---
El Paso	---	---	---	15	---	15	---	---	---
Fremont	40	10	20	260	---	260	50	---	30
Garfield	---	---	---	30	---	30	---	---	---
Gilpin	---	---	---	125	---	125	---	---	---
Grand	---	---	---	10	---	10	---	---	---
Gunnison	---	---	5	---	---	---	---	---	---
Hinsdale	---	---	---	5	---	5	---	---	---
Huerfano	---	---	120	40	---	40	---	---	---
Jackson	---	---	---	---	---	---	---	---	---
Jefferson	100	15	---	540	---	540	70	---	70
Kiowa	---	1,640	---	---	---	---	---	---	---
Kit Carson	---	60	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---	---
La Plata	3	---	5	---	---	---	---	---	---
Larimer	235	20	---	10	1,250	1,260	95	---	95
Las Animas	---	620	350	50	---	50	15	20	35
Lincoln	---	80	---	---	---	---	---	---	---
Logan	10	30	---	---	---	---	140	---	140
Mesa	5	---	---	25	---	25	140	300	440
Mineral	---	---	---	70	---	70	---	---	---
Moffat	---	---	10	10	---	10	---	---	---
Montezuma	---	---	---	---	---	---	---	---	---
Montrose	100	---	5	---	---	---	45	---	45
Morgan	13	10	---	---	---	---	270	---	270
Otero	281	15	---	50	---	50	130	2,070	2,200
Ouray	---	---	---	---	---	---	---	---	---
Park	---	---	90	20	---	20	---	---	---
Phillips	---	---	---	---	---	---	---	---	---
Pitkin	---	---	---	---	---	---	---	---	---
Prowers	5	14,610	70	---	---	---	70	---	70
Pueblo	240	---	---	200	---	200	170	1,910	2,080
Rio Blanco	---	---	---	---	---	---	---	---	---
Rio Grande	---	---	15,460	1,400	---	1,400	---	---	---
Routt	---	---	50	---	---	---	---	---	---
Saguache	---	---	9,400	---	---	---	---	---	---
San Juan	---	---	---	---	---	---	---	---	---
San Miguel	---	---	---	---	---	---	---	---	---
Sedgwick	---	---	---	---	---	---	15	---	15
Summit	---	---	---	---	---	---	---	---	---
Teller	---	---	---	---	---	---	---	---	---
Washington	---	---	---	---	---	---	---	---	---
Weld	788	30	---	35	887	922	605	---	605
Yuma	---	---	---	---	---	---	---	---	---
State	2,570	69,000	50,000	7,790	3,700	11,490	2,800	4,400	7,200

DISTRIBUTION OF FIELD PEAS, 1930



Each dot represents 2,000 acres; cross represents acreages of less than 2,000.

DISTRIBUTION OF LETTUCE ACREAGE, 1930

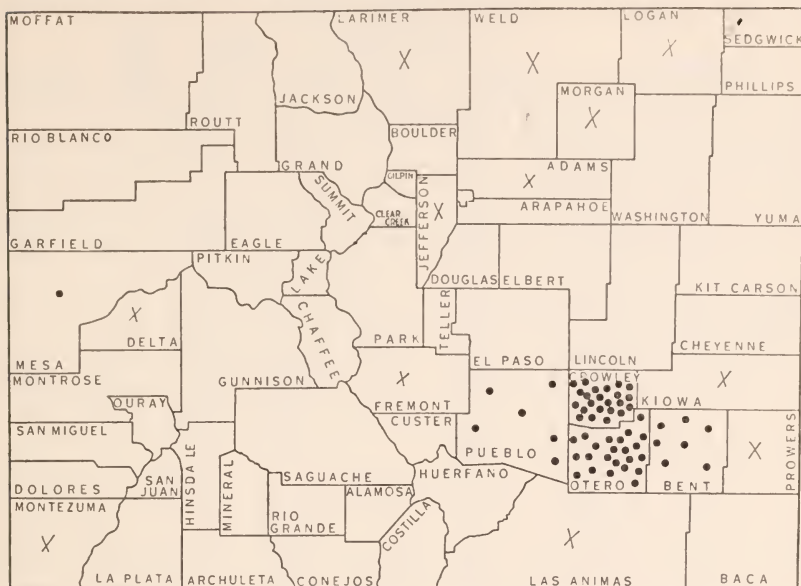


Each dot represents 1,000 acres; cross represents acreages of less than 1,000.

ACREAGE OF MISCELLANEOUS CROPS, 1930

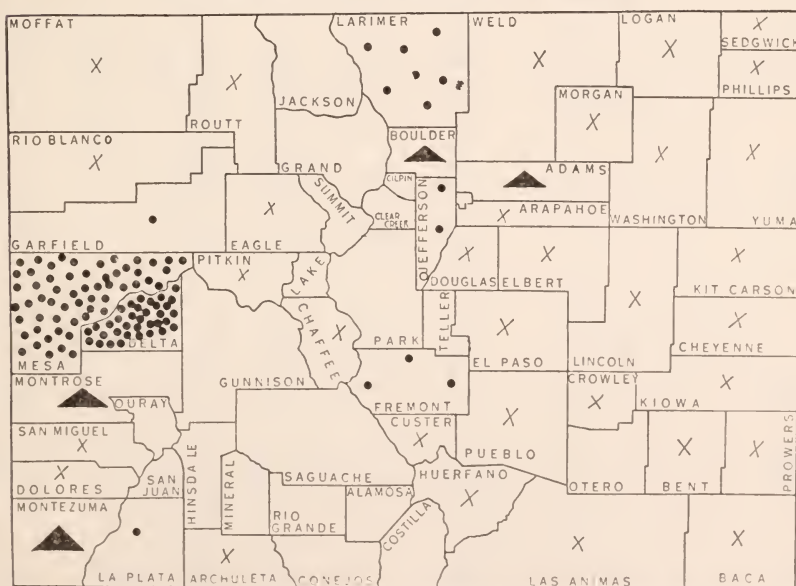
COUNTY	CABBAGE			TOMATOES			Lettuce	Celery	Cauli- flower
	Early	Late	Total	For Market	For Mfg.	Total			
Adams	470	270	740	125	352	477	150	257	165
Alamosa	---	---	---	---	---	---	90	---	95
Arapahoe	38	25	63	8	---	8	4	12	2
Archuleta	---	---	---	---	---	---	---	---	---
Baca	---	---	---	---	---	---	---	---	---
Bent	8	---	8	2	---	2	---	---	---
Boulder	70	120	190	---	178	178	5	---	---
Chaffee	5	---	5	---	---	---	490	8	10
Cheyenne	---	---	---	---	---	---	---	---	---
Clear Creek	---	---	---	---	---	---	---	---	---
Conejos	---	---	---	---	---	---	320	5	178
Costilla	15	12	27	---	---	---	450	3	995
Crowley	5	5	10	65	---	65	---	---	5
Custer	---	4	4	---	---	---	120	---	98
Delta	---	---	---	---	---	---	---	1	---
Denver	---	---	---	---	---	---	---	---	---
Dolores	---	---	---	---	---	---	---	---	---
Douglas	---	---	---	---	---	---	---	---	---
Eagle	---	---	---	---	---	---	425	---	---
Elbert	---	---	---	---	---	---	---	---	---
El Paso	10	12	22	---	---	---	7	3	---
Fremont	95	50	145	27	---	27	110	78	175
Garfield	2	1	3	3	---	3	90	1	---
Gilpin	---	---	---	---	---	---	20	---	---
Grand	---	---	---	---	---	---	1,300	---	---
Gunnison	---	---	---	---	---	---	---	---	---
Hinsdale	---	---	---	---	---	---	---	---	---
Huerfano	---	---	---	---	---	---	30	---	25
Jackson	---	---	---	---	---	---	---	---	---
Jefferson	75	98	173	270	---	270	190	250	70
Kiowa	---	---	---	---	---	---	---	---	---
Kit Carson	---	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---	---
La Plata	---	---	---	---	---	---	---	2	---
Larimer	10	50	60	35	---	35	---	8	1
Las Animas	5	2	7	1	---	1	160	---	---
Lincoln	---	---	---	---	---	---	---	---	---
Logan	4	15	19	10	---	10	---	---	---
Mesa	12	15	27	8	513	521	8	14	---
Mineral	---	---	---	---	---	---	50	---	---
Moffat	---	---	---	---	---	---	---	---	---
Montezuma	---	---	---	1	---	1	---	---	---
Montrose	2	7	9	---	---	---	---	---	---
Morgan	5	15	20	8	14	22	4	---	1
Otero	4	10	14	15	754	769	2	6	22
Ouray	---	---	---	---	---	---	---	---	---
Park	---	---	---	---	---	---	10	---	---
Phillips	---	---	---	---	---	---	---	---	---
Pitkin	---	---	---	---	---	---	---	---	---
Prowers	---	---	---	2	---	2	---	---	---
Pueblo	105	405	510	85	---	85	5	195	1,025
Rio Blanco	---	---	---	---	---	---	---	---	---
Rio Grande	---	---	---	---	---	---	2,200	---	95
Routt	---	2	2	---	---	---	2,520	---	---
Saguache	---	---	---	---	---	---	15	---	---
San Juan	---	---	---	---	---	---	---	---	---
San Miguel	---	---	---	---	---	---	5	---	---
Sedgwick	---	2	2	---	---	---	---	---	---
Summit	---	---	---	---	---	---	---	---	---
Teller	---	---	---	---	---	---	210	---	---
Washington	---	---	---	---	---	---	---	---	---
Weld	760	1,080	1,840	35	419	454	10	7	38
Yuma	---	---	---	---	---	---	---	---	---
State	1,700	2,200	3,900	700	2,230	2,930	9,000	850	3,000

DISTRIBUTION OF CANTALOUPE AND HONEY DEW MELONS, 1930



Each dot represents 200 acres; cross represents acreages of less than 200.

DISTRIBUTION OF FRUIT VALUES, 1930



Each dot represents \$25,000; triangle represents values from \$10,000 to \$25,000; cross represents values of less than \$10,000.

ACREAGE OF MISCELLANEOUS CROPS, 1930

COUNTY	CANTALOUPE, HONEY DEW MELONS			Water- melons	Pump- kins and Squash	Onions	Farm Garden
	For Market	For Seed	Total				
Adams	105	---	105	10	70	102	1,350
Alamosa	---	---	---	---	---	---	---
Arapahoe	---	---	---	---	5	12	790
Archuleta	---	---	---	---	---	---	---
Baca	---	---	---	15	---	---	15
Baca	1,290	10	1,300	95	---	260	140
Boulder	---	---	---	---	210	2	30
Chaffee	---	---	---	---	---	---	45
Cheyenne	---	---	---	---	---	---	5
Clear Creek	---	---	---	---	---	---	5
Conejos	---	---	---	---	---	---	30
Costilla	---	---	---	---	---	---	15
Crowley	4,360	180	4,540	50	60	245	60
Custer	---	---	---	---	---	---	20
Delta	45	---	45	10	90	720	310
Denver	---	---	---	---	---	---	---
Dolores	---	---	---	---	---	---	30
Douglas	---	---	---	---	---	---	10
Eagle	---	---	---	---	---	---	70
Elbert	---	---	---	---	---	---	80
El Paso	---	---	---	---	---	---	90
Fremont	10	130	140	---	990	15	270
Garfield	---	---	---	---	10	3	90
Gilpin	---	---	---	---	---	---	5
Grand	---	---	---	---	---	---	20
Gunnison	---	---	---	---	---	---	40
Hinsdale	---	---	---	---	---	---	10
Huerfano	---	---	---	---	---	---	10
Jackson	---	---	---	---	---	---	---
Jefferson	10	---	10	---	15	27	820
Kiowa	---	15	15	---	15	---	25
Kit Carson	---	---	---	---	---	---	30
Lake	---	---	---	---	---	---	10
La Plata	---	---	---	---	---	---	15
Larimer	5	---	5	10	80	6	195
Las Animas	15	40	55	---	10	10	15
Lincoln	---	---	---	---	---	---	20
Logan	8	---	8	15	5	2	90
Mesa	170	75	245	25	130	47	440
Mineral	---	---	---	---	---	---	10
Moffat	---	---	---	---	---	---	230
Montezuma	15	---	15	20	---	---	---
Montrose	---	---	---	---	---	1,430	70
Morgan	7	---	7	5	---	2	40
Otero	2,950	1,720	4,670	130	70	2,163	210
Ouray	---	---	---	---	---	---	20
Park	---	---	---	---	---	---	5
Phillips	---	---	---	---	---	---	20
Pitkin	---	---	---	---	---	---	---
Prowers	5	---	5	---	---	3	20
Pueblo	870	230	1,100	110	200	304	890
Rio Blanco	---	---	---	---	---	---	15
Rio Grande	---	---	---	---	---	---	30
Routt	---	---	---	---	---	---	20
Saguache	---	---	---	---	---	---	50
San Juan	---	---	---	---	---	---	---
San Miguel	---	---	---	---	---	---	15
Sedgwick	---	---	---	5	---	---	20
Summit	---	---	---	---	---	---	10
Teller	---	---	---	---	---	---	25
Washington	---	---	---	20	---	---	40
Weld	135	---	135	70	340	247	1,040
Yuma	---	---	---	10	---	---	20
State	10,000	2,400	12,400	600	2,300	5,600	8,000

RANK OF COUNTIES IN THE PRODUCTION OF PRINCIPAL CROPS, 1930

COUNTY	Corn	All Wheat	Oats for Grain	Barley	Rye for Grain	Sorghums	Dry Beans	Potatoes	Sugar Beets	All Hay	All Fruits	Cantaloupes and Honeydews	Field Peas	Broom Corn	Lettuce	Onions
Adams	17	8	29	12	14	16	5	36	6	27	10	8	--	10	11	8
Alamosa	--	32	14	30	--	--	--	4	21	24	--	--	5	--	--	--
Arapahoe	21	12	42	20	16	17	8	50	17	41	15	--	--	--	23	12
Archuleta	38	42	41	47	--	--	39	39	--	36	24	--	--	--	--	--
Baca	13	7	60	36	15	1	17	--	--	57	29	--	--	1	--	--
Bent	16	29	36	15	31	11	22	53	11	14	18	3	16	5	--	5
Boulder	24	13	11	10	28	--	31	41	7	20	9	--	--	10	22	16
Chaffee	43	45	34	33	39	--	--	26	26	43	39	--	6	--	4	--
Cheyenne	8	31	51	17	19	10	26	48	--	53	36	--	--	4	--	--
Clear Creek	--	--	58	60	46	--	--	51	--	61	--	--	--	--	--	--
Conchos	--	24	10	14	--	--	27	5	23	10	--	--	4	--	7	--
Costilla	--	35	48	31	--	--	29	13	27	48	--	--	2	--	5	--
Crowley	23	50	37	21	42	22	13	52	12	33	17	2	--	--	--	7
Custer	37	49	28	59	18	34	--	9	--	38	37	--	8	--	12	--
Delta	27	27	38	27	44	--	32	17	14	12	2	10	--	--	--	3
Dolores	35	38	49	52	24	27	16	40	--	59	14	--	--	--	--	--
Douglas	25	34	15	35	13	24	19	47	--	35	28	--	--	--	--	--
Eagle	--	40	30	48	--	--	--	8	--	32	32	--	13	--	6	--
Elbert	15	18	13	23	9	15	2	27	--	30	34	--	--	--	--	--
El Paso	11	37	5	37	7	18	3	28	22	26	19	--	--	--	21	--
Fremont	31	48	40	45	26	33	38	34	24	42	4	6	14	12	13	11
Garfield	34	22	25	25	21	--	37	7	13	5	6	--	--	--	14	15
Gilpin	--	56	53	59	44	--	--	45	--	60	--	--	--	--	17	--
Grand	--	52	44	43	33	--	--	42	--	31	--	--	--	--	3	--
Gunnison	--	51	50	50	45	--	--	32	--	15	--	--	16	--	--	--
Hinsdale	--	--	54	57	--	--	--	49	--	56	--	--	--	--	--	--
Huerfano	30	39	35	44	38	23	23	38	25	39	21	--	9	--	16	--
Jackson	--	--	56	58	39	--	--	44	--	6	--	--	--	--	--	--
Jefferson	28	14	16	19	23	31	33	24	19	25	5	12	--	11	9	10
Kiowa	10	47	59	34	34	4	34	55	--	55	35	11	--	3	--	--
Kit Carson	3	9	20	3	6	2	18	31	--	46	38	--	--	8	--	--
Lake	--	--	--	--	--	--	--	--	--	54	--	--	--	--	--	--
La Plata	33	19	9	28	41	28	24	19	--	18	7	--	16	--	--	--
Larimer	22	10	4	5	20	30	25	22	3	2	3	15	--	10	--	14
Las Animas	26	36	43	41	36	14	11	--	20	28	30	9	7	6	10	13
Lincoln	6	15	47	13	11	8	4	30	--	37	33	--	--	7	--	--
Logan	4	4	3	2	2	7	12	16	4	9	23	13	--	9	--	16
Mesa	19	23	19	32	22	25	9	11	18	8	1	5	--	--	20	9
Mineral	--	--	57	54	--	--	--	--	--	58	--	--	--	--	15	--
Moffat	36	25	24	38	5	29	40	23	--	21	31	--	15	--	--	--
Montezuma	32	21	12	40	40	26	15	20	--	23	11	11	--	--	--	--
Montrose	29	17	7	24	35	--	21	6	15	7	8	--	16	--	--	2
Morgan	9	11	18	6	10	13	6	10	2	13	26	14	--	12	23	16
Otero	20	30	21	18	43	21	14	--	5	19	16	1	--	11	24	1
Ouray	39	41	45	46	37	--	--	33	--	47	--	--	--	--	--	--
Park	--	54	52	51	18	--	--	14	--	34	--	--	10	--	19	--
Phillips	7	3	6	7	8	12	28	35	--	52	36	--	--	--	--	--
Pitkin	--	46	31	55	17	--	--	15	--	49	39	--	--	--	--	--
Prowers	12	16	33	11	32	6	30	--	9	3	20	15	11	2	--	15
Pueblo	18	20	32	26	30	19	7	54	8	22	13	4	--	--	22	4
Rio Blanco	--	28	26	49	25	--	--	43	--	17	36	--	--	--	--	--
Rio Grande	--	33	8	16	--	--	--	2	28	16	--	--	1	--	2	--
Salt	41	26	2	22	27	31	--	18	--	11	27	--	12	--	1	--
Saguache	--	43	23	29	--	--	--	3	--	4	--	--	3	--	18	--
San Miguel	40	44	39	42	29	32	35	37	--	44	38	--	--	--	22	--
Sedgewick	14	5	17	9	12	20	36	21	10	45	39	--	--	--	--	--
Summit	--	53	55	56	41	--	--	46	--	51	--	--	--	--	--	--
Teller	42	55	46	53	31	--	--	12	--	50	--	--	--	--	8	--
Washington	2	6	27	4	3	5	10	29	16	29	25	--	--	--	--	--
Weld	5	1	1	1	4	9	1	1	1	1	12	7	--	9	19	6
Yuma	1	2	22	8	1	3	20	25	--	40	22	--	--	--	--	--

NOTE—Denver and San Juan are omitted as no agricultural statistics are collected for those counties.

CARLOT SHIPMENTS OF COLORADO FRUITS AND VEGETABLES

CROP OF	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920
Fruits											
Apples -----	1,072	2,322	2,804	2,228	2,877	3,193	2,404	2,718	3,385	3,882	3,063
Peaches -----	1,369	1,765	1,117	1,709	1,271	824	1,772	1,254	1,423	1,223	1,091
Pears -----	247	1,097	264	737	750	717	955	696	774	745	654
Mixed Deciduous Fruits	24	34	22	37	44	26	62	60	99	---	---
Vegetables											
Potatoes -----	17,962	15,366	13,714	17,328	14,200	15,422	12,386	13,870	15,467	17,697	11,229
Cabbage -----	1,158	810	1,162	683	1,274	1,432	1,473	3,174	1,964	2,523	1,832
Celery -----	136	149	188	161	211	399	197	125	222	211	305
Onions -----	2,117	4,042	2,244	1,460	1,758	1,809	1,064	928	651	447	150
Lettuce -----	1,610	2,109	2,368	2,848	2,795	3,096	1,036	1,436	812	234	129
Mixed Vegetables -----	4,207	4,079	3,780	3,444	3,473	4,111	3,428	2,880	2,178	1,042	1,351
Cauliflower -----	1,296	1,500	843	411	220	191	61	101	4	3	---
Cantaloupes -----	2,758	3,105	2,110	2,993	3,574	3,224	2,654	2,195	4,420	3,288	2,482
Watermelons -----	90	31	35	34	71	80	56	55	148	149	67
Miscellaneous Melons -----	1,834	1,469	679	985	1,534	613	575	111	---	---	---
Dry Beans -----	3,634	2,347	1,575	1,710	1,866	2,927	1,316	1,732	427	486	333
Peas, Green -----	463	459	348	149	58	35	---	---	---	---	---
Carrots -----	60	78	216	10	62	29	26	12	4	9	1
Spinach -----	28	67	6	8	6	14	3	---	---	---	---
Tomatoes -----	141	55	59	20	27	195	77	128	94	38	135
Beans, String -----	164	55	3	5	1	5	---	---	---	---	---

Note—Shipments of 1930 crops of dry beans cover period from September 1, 1930, to March 31, 1931, and potato shipments cover period from July 1, 1930 to March 31, 1931.

COLORADO'S BEAN SHIPMENTS, CAR LOTS, CROP YEAR BASIS—SEPT. 1 TO AUG. 31
CROP OF

COUNTY	*1930	1929	1928	1927	1926	1925	1924
Adams -----	65	27	20	23	23	18	10
Arapahoe -----	395	196	81	155	103	158	67
**Baca -----	69	74	---	---	---	---	---
Crowley -----	36	38	48	32	11	40	3
El Paso -----	408	306	262	315	255	427	210
Elbert -----	512	227	147	138	117	255	183
**Kit Carson -----	26	21	---	---	---	---	---
Las Animas -----	82	100	37	14	37	17	20
Lincoln -----	199	105	114	99	51	87	58
Logan -----	24	37	13	16	20	37	17
Mesa -----	110	119	116	68	30	23	4
**Montezuma -----	117	83	---	---	---	---	---
Morgan -----	383	179	146	223	180	309	136
Otero -----	157	131	119	172	133	98	35
Pueblo -----	126	106	20	84	49	79	21
**Washington -----	36	30	---	---	---	---	---
Weld -----	843	501	394	344	827	1,336	530
**Yuma -----	24	38	---	---	---	---	---
Other Counties -----	22	29	58	27	30	43	22
Total Colorado -----	3,634	2,347	1,575	1,710	1,866	2,927	1,316
United States -----	14,335	18,422	15,003	13,643	17,086	19,725	14,924

*1930 crop shipments only to March 31, 1931.

**Shipments previous to 1929 crop included in "other counties."

NUMBER AND SIZE OF FARMS AND FARM TENURE, 1930

COUNTY	No. of Farms	Average No. of Acres Per Farm	Total Farm Acreage	Owners	Renters	Home- steaders	Owners and Renters
Adams	1,395	298.83	416,870	694	515	---	186
Alamosa	360	275.83	99,300	236	113	---	11
Arapahoe	675	393.89	265,880	304	273	---	98
Archuleta	280	429.29	120,200	214	57	---	9
Baca	1,100	678.00	745,800	361	348	3	388
Bent	760	336.75	255,930	302	349	11	98
Boulder	980	141.88	139,040	520	436	---	24
Chaffee	200	255.50	51,100	150	50	---	---
Cheyenne	400	675.63	270,250	182	174	---	44
Clear Creek	28	277.86	7,780	21	6	1	---
Conejos	650	174.97	113,730	592	58	---	---
Costilla	330	121.70	40,160	177	94	---	59
Crowley	550	196.36	107,450	163	302	2	83
Custer	310	603.68	187,110	233	68	4	5
Delta	1,440	100.26	144,370	960	389	8	83
Denver*	---	---	---	---	---	---	---
Dolores	145	414.62	60,120	113	17	9	6
Douglas	375	703.81	263,930	195	148	---	32
Eagle	370	285.92	105,790	325	37	6	2
Elbert	1,070	683.43	731,270	590	356	---	124
El Paso	940	670.70	630,460	499	369	---	72
Fremont	890	172.01	153,090	671	134	4	81
Garfield	790	213.04	168,300	531	225	2	32
Gilpin	30	343.00	10,290	21	8	1	---
Grand	220	776.32	170,790	190	30	---	---
Gunnison	310	494.52	153,300	255	36	6	13
Hinsdale	30	311.00	9,330	25	3	---	2
Huerfano	490	470.12	230,360	427	48	12	3
Jackson	222	1,290.72	285,540	202	16	---	4
Jefferson	1,390	141.42	196,580	895	350	---	145
Kiowa	480	523.90	251,470	227	174	---	79
Kit Carson	1,360	545.59	742,000	448	599	---	313
Lake	27	514.81	13,900	22	5	---	---
La Plata	775	282.09	218,620	482	218	2	73
Larimer	1,440	229.00	329,760	730	634	1	75
Las Animas	870	309.08	268,900	599	191	---	80
Lincoln	1,025	542.51	556,070	463	374	1	187
Logan	1,935	384.57	744,140	612	1,002	4	317
Mesa	2,560	54.90	140,540	1,933	556	5	66
Mineral	30	650.00	19,500	27	3	---	---
Moffat	700	477.86	334,500	525	88	53	34
Montezuma	510	215.04	109,670	333	119	2	56
Montrose	1,020	146.41	149,340	589	370	---	61
Morgan	1,395	339.89	474,150	561	688	1	145
Otero	1,040	141.38	147,040	475	472	1	92
Puray	150	255.20	38,280	108	41	---	1
Park	220	1,066.36	234,600	160	39	20	1
Phillips	670	514.97	345,030	125	307	---	238
Pitkin	135	390.74	52,750	120	15	---	---
Prowers	1,080	327.20	353,380	462	518	---	100
Pueblo	1,190	405.76	482,860	641	376	1	172
Rio Blanco	350	649.49	227,320	343	7	---	---
Rio Grande	430	277.07	119,140	365	65	---	---
Salt	640	407.47	260,780	520	99	12	9
Saguache	350	397.60	139,160	222	104	---	24
San Juan	---	---	---	---	---	---	---
San Miguel	230	598.13	137,570	190	21	9	10
Sedgewick	520	295.65	153,740	179	236	---	105
Summit	66	377.27	24,900	61	5	---	---
Teller	190	523.79	99,520	132	54	2	2
Washington	1,440	643.19	926,190	335	577	---	528
Weld	4,460	260.25	1,160,700	1,560	2,438	2	460
Windsor	1,595	609.26	971,770	695	577	---	323
State	45,613	358.72	16,362,410	24,292	15,981	185	5,155

*No farm reports are taken by the assessor of the City and County of Denver. Its farms are allotted by the Crop Reporting Service to neighboring counties on the best authority available.

NOTE—See text at the beginning of this chapter for an explanation of the seeming discrepancies between the number shown in this table, by the Co-Operative Crop Reporting Service, and the total shown by the federal Census Bureau on the following page.

NUMBER OF FARMS BY COUNTIES, 1930, 1925, 1920
(Census Reports)

COUNTY	Number of Farms			*Increase 1925-1930		*Increase 1920-1930	
	1930 April 1	1925 Jan. 1	1920 Jan. 1	Number	Per Cent	Number	Per Cent
Adams	1,912	1,873	1,753	39	2.1	159	9.1
Alamosa	531	300	302	231	77.0	229	75.8
Arapahoe	1,225	1,174	1,025	51	4.3	200	19.5
Archuleta	389	329	420	60	18.2	-31	-7.4
Baca	1,750	1,706	1,858	44	2.6	-108	-5.8
Bent	882	900	1,056	-18	-2.0	-174	-16.5
Boulder	1,473	1,492	1,420	-19	-1.3	53	3.7
Chaffee	307	247	326	60	24.3	-19	-5.8
Cheyenne	625	625	674	---	---	-49	-7.3
Clear Creek	34	16	27	18	112.5	7	25.9
Conejos	1,467	680	814	787	115.7	653	80.2
Costilla	648	329	443	319	97.0	205	46.3
Crowley	626	622	743	4	0.6	-117	-15.7
Custer	406	367	353	39	10.6	53	15.0
Delta	1,744	1,636	1,707	108	6.6	37	2.2
Denver	257	307	239	-50	-16.3	18	7.5
Dolores	194	177	186	17	9.6	8	4.3
Douglas	438	401	462	37	9.2	-24	-5.2
Eagle	374	350	301	24	6.9	73	24.3
Elbert	1,241	1,281	1,308	-40	-3.1	-67	-5.1
El Paso	1,463	1,580	1,571	-117	-7.4	-108	-6.9
Fremont	1,270	1,127	1,014	143	12.7	256	25.2
Garfield	1,015	928	930	87	9.4	85	9.1
Gilpin	34	47	41	-13	-27.7	-7	-17.1
Grand	229	269	265	-40	-14.9	-36	-13.6
Gunnison	370	358	376	12	3.4	-6	-1.6
Hinsdale	44	38	40	6	15.8	4	10.0
Huerfano	760	1,003	954	-243	-24.2	-194	-20.3
Jackson	203	156	182	47	30.1	21	11.5
Jefferson	1,817	1,951	1,446	-134	-6.9	371	25.7
Kiowa	579	692	668	-113	-16.3	-89	-13.3
Kit Carson	1,630	1,500	1,461	130	8.7	169	11.6
Lake	44	27	30	17	63.0	14	46.7
La Plata	1,161	973	1,069	188	19.3	92	8.6
Larimer	1,838	1,816	1,921	22	1.2	-83	-4.3
Las Animas	1,758	1,943	2,286	-185	-9.5	-528	-23.1
Lincoln	1,232	1,279	1,385	-47	-3.7	-153	-11.0
Logan	1,845	1,916	1,874	-71	-3.7	-29	-1.5
Mesa	2,665	2,199	2,207	466	21.2	458	20.8
Mineral	50	27	34	23	85.2	16	47.1
Moffat	797	712	1,023	85	11.9	-226	-22.1
Montezuma	578	728	904	250	34.3	74	8.2
Montrose	1,318	1,423	1,368	-105	-7.4	-50	-3.7
Morgan	1,569	1,692	1,720	-123	-7.3	-151	-8.8
Otero	1,298	1,419	1,486	-121	-8.5	-188	-12.7
Ouray	178	162	180	16	9.9	-2	-1.1
Park	394	219	286	175	79.9	108	37.8
Phillips	766	843	680	-77	-9.1	86	12.6
Pitkin	180	166	179	14	8.4	1	0.6
Prowers	1,382	1,194	1,469	188	15.7	-87	-5.9
Pueblo	1,473	1,534	1,826	-61	-4.0	-353	-19.3
Rio Blanco	433	422	537	11	2.6	-104	-19.4
Rio Grande	730	535	603	195	36.4	127	21.1
Routt	928	834	926	94	11.3	2	0.2
Saguache	557	346	432	211	61.0	125	28.9
San Juan	**	**	**	---	---	---	---
San Miguel	263	366	334	-103	-28.1	-71	-21.3
Sedgwick	560	632	487	-72	-11.4	73	15.0
Summit	61	69	72	-8	-11.6	-11	-15.3
Teller	238	186	250	52	28.0	-12	-4.8
Washington	1,753	1,984	2,057	-231	-11.6	-304	-14.8
Weld	5,457	5,610	5,765	-153	-2.7	-308	-5.3
Yuma	2,113	2,303	2,179	-190	-8.3	-66	-3.0
State	59,956	58,020	59,934	1,936	3.3	22	0.04

*A minus sign (—) denotes a decrease.

**No farms reported.

The figures for 1930 are preliminary and subject to correction.

La Plata county includes two San Juan county farms.

NUMBER OF FARMS AND FARM ACREAGE, BY COUNTIES, 1930
(Compiled from Census Reports)

COUNTY	Number of farms April 1, 1930	All Land in Farms (Acres)	Crop Land			Pasture Land (Acres)	Woodland Not Used for Pasture (Acres)	All Other Land in Farms (Acres)
			Crops Harvested (Acres)	Crop Failure (Acres)	Idle or Fallow (Acres)			
Adams-----	1,912	557,561	220,918	30,074	54,987	225,330	386	25,866
Alamosa-----	531	225,192	59,476	1,617	5,274	151,591	131	7,103
Arapahoe-----	1,225	459,673	154,367	9,066	14,238	269,875	406	11,721
Archuleta-----	389	163,442	21,416	614	2,819	127,841	1,478	9,274
Baca-----	1,750	1,126,576	276,792	20,969	99,002	698,948	753	30,112
Bent-----	882	540,938	87,492	4,200	6,872	435,701	373	6,300
Boulder-----	1,473	203,313	84,531	3,656	7,541	98,065	697	8,823
Chaffee-----	307	74,023	19,004	417	1,915	47,096	948	4,643
Cheyenne-----	625	494,428	128,309	28,828	17,380	309,369	183	10,359
Clear Creek-----	34	14,454	884	20	176	11,533	1,528	313
Conejos-----	1,467	252,552	93,448	1,413	12,190	133,320	357	11,824
Costilla-----	648	349,527	33,279	2,817	8,198	296,960	2,024	6,249
Crowley-----	626	328,113	49,126	9,254	4,236	261,040	83	4,374
Custer-----	406	260,169	25,209	2,131	5,177	221,120	3,303	3,229
Delta-----	1,744	187,965	60,218	1,648	4,589	62,103	2,199	57,208
Denver-----	257	3,789	1,857	390	551	609	2	380
Dolores-----	194	71,455	9,310	1,417	4,770	33,416	3,523	19,019
Douglas-----	438	347,283	51,607	5,287	4,518	278,415	1,677	5,779
Eagle-----	374	170,616	29,706	430	2,336	125,706	2,169	10,269
Elbert-----	1,241	966,899	200,154	31,948	16,498	695,306	4,330	18,663
El Paso-----	1,463	1,071,111	172,117	18,900	17,410	832,236	2,331	28,117
Fremont-----	1,270	366,717	23,388	2,137	3,206	325,738	950	11,298
Garfield-----	1,015	251,791	61,118	1,233	3,301	160,520	3,602	22,017
Gilpin-----	84	14,374	1,287	115	3	11,587	1,167	215
Grand-----	229	212,341	28,692	537	1,891	170,372	4,496	6,353
Gunnison-----	370	215,849	46,100	511	1,666	149,416	2,149	16,007
Hinsdale-----	44	18,142	3,564	75	764	12,695	145	899
Huerfano-----	760	495,851	38,524	4,592	8,441	424,601	6,425	13,268
Jackson-----	203	321,277	89,876	230	258	227,200	1,220	2,493
Jefferson-----	1,817	259,690	54,328	2,564	6,931	174,987	7,939	12,941
Kiowa-----	579	461,829	90,329	9,548	15,277	338,699	---	7,976
Kit Carson-----	1,630	969,104	348,842	117,390	37,286	437,538	1,998	26,050
Lake-----	44	20,681	5,162	122	5	13,723	510	1,159
La Plata-----	1,161	359,127	57,100	3,719	8,567	257,769	6,999	24,973
Larimer-----	1,838	698,304	148,159	8,283	24,330	486,427	1,046	30,059
Las Animas-----	1,758	1,927,923	96,633	11,061	22,067	1,775,168	4,088	18,906
Lincoln-----	1,232	1,195,717	266,824	55,121	33,599	812,135	1,618	26,420
Logan-----	1,845	961,377	371,372	79,557	28,990	451,512	1,906	28,040
Mesa-----	2,665	345,098	77,639	1,990	8,295	225,988	889	30,297
Mineral-----	50	25,511	2,895	312	539	19,786	772	1,207
Moffat-----	797	642,257	50,992	2,216	15,647	559,602	2,158	11,642
Montezuma-----	978	285,730	48,116	2,984	7,971	167,924	11,901	46,834
Montrose-----	1,318	231,065	67,018	1,396	4,152	109,794	883	47,822
Morgan-----	1,569	632,615	235,876	22,325	10,767	339,282	1,776	22,589
Otero-----	1,298	467,846	73,665	4,235	6,046	362,536	516	20,848
Ouray-----	178	100,925	14,401	73	1,120	77,177	424	7,730
Park-----	394	535,826	43,577	1,444	2,906	477,823	3,741	6,335
Phillips-----	766	390,370	253,517	15,961	16,313	94,822	328	9,429
Pitkin-----	180	59,888	13,526	131	721	40,085	324	5,101
Prowers-----	1,382	564,644	167,004	9,637	20,518	356,998	276	10,211
Pueblo-----	1,473	1,245,441	98,746	16,533	19,991	1,088,192	1,634	20,345
Rio Blanco-----	433	336,640	43,891	932	5,663	277,933	1,692	6,529
Rio Grande-----	730	202,094	95,974	1,875	6,539	87,490	661	9,555
Routt-----	928	527,847	80,276	1,799	9,814	420,757	3,432	11,769
Saguache-----	557	454,726	100,443	3,499	5,266	331,059	1,591	12,868
San Juan-----	---	---	---	---	---	---	---	---
San Miguel-----	263	171,070	12,438	793	2,913	144,218	3,960	6,748
Sedgwick-----	560	307,410	147,367	8,801	20,378	123,304	---	7,560
Summit-----	61	32,231	8,604	25	1,290	20,945	705	662
Teller-----	238	134,249	11,594	558	1,477	113,189	3,008	4,423
Washington-----	1,753	1,237,648	376,171	138,955	46,908	653,001	4,595	18,018
Weld-----	5,457	1,977,783	744,533	83,447	98,065	964,516	1,752	85,470
Yuma-----	2,113	1,348,084	471,617	66,240	39,676	736,289	8,562	25,700
State-----	59,956	28,876,171	6,750,398	858,052	840,234	19,338,377	130,719	958,391

FARM PROPERTY VALUES BY COUNTIES, 1925 AND 1910

(From Reports of the U. S. Census Bureau)

COUNTY	Land	Buildings	Implements and Mach.	Livestock	Total All Property 1925	Total All Property 1910
Adams-----	\$ 17,401,203	\$ 3,470,786	\$ 953,480	\$ 1,608,369	\$ 23,433,838	\$ 15,767,956
Alamosa-----	5,414,522	726,035	252,080	995,775	7,388,412	(a)
Arapahoe-----	11,209,376	3,812,726	809,190	1,104,901	16,936,193	11,351,431
Archuleta-----	1,667,621	325,115	121,768	620,609	2,735,113	1,965,568
Baca-----	7,281,358	947,975	505,719	1,577,122	10,312,174	2,027,854
Bent-----	9,243,993	1,374,712	545,152	2,493,928	13,657,785	7,731,767
Boulder-----	14,589,625	4,028,005	907,505	1,540,040	21,065,175	16,478,541
Chaffee-----	1,939,545	576,200	185,552	393,272	3,094,569	1,987,810
Cheyenne-----	7,191,317	889,150	698,297	896,436	9,675,200	3,576,820
Clear Creek-----	185,400	67,000	8,150	12,498	273,048	216,018
Conejos-----	5,947,694	732,323	277,314	1,661,549	8,618,880	8,430,531
Costilla-----	3,901,484	445,470	210,960	604,623	5,162,537	3,714,504
Crowley-----	5,634,640	746,380	244,750	527,742	7,152,512	(a)
Custer-----	2,114,645	518,650	199,395	459,652	3,292,342	2,067,447
Delta-----	9,323,430	2,274,839	730,725	1,536,480	13,865,474	21,024,102
Denver-----	1,980,200	1,514,900	146,855	79,806	3,721,761	3,406,332
Dolores-----	245,285	62,845	35,040	146,984	490,154	248,501
Douglas-----	4,975,845	1,238,245	360,472	722,846	7,297,408	5,622,844
Eagle-----	3,214,334	762,630	293,197	653,227	4,923,388	3,691,648
Elbert-----	13,421,607	2,287,918	805,820	1,651,064	18,166,409	9,624,465
El Paso-----	13,996,752	3,077,130	819,442	1,556,672	19,449,996	13,117,316
Fremont-----	4,618,950	1,728,600	353,310	798,420	7,499,280	7,130,241
Garfield-----	6,788,140	1,508,150	507,437	1,930,768	10,784,495	11,017,329
Gilpin-----	138,100	36,775	9,130	24,296	208,301	195,481
Grand-----	2,311,960	500,930	161,235	534,145	3,508,270	2,625,740
Gunnison-----	2,751,125	678,450	238,013	1,232,679	4,900,267	3,352,823
Hinsdale-----	254,270	52,650	22,985	101,794	431,699	126,608
Huerfano-----	3,792,890	707,657	260,404	1,114,948	5,875,899	3,640,602
Jackson-----	2,703,020	428,600	158,606	1,096,140	4,386,366	4,416,646
Jefferson-----	16,310,465	5,562,780	734,575	966,210	23,574,030	17,616,573
Kiowa-----	5,182,425	658,875	373,915	968,292	7,183,507	3,031,538
Kit Carson-----	12,036,558	1,705,760	954,449	1,533,726	16,230,493	7,951,330
Lake-----	119,050	37,250	14,295	32,559	203,154	466,646
La Plata-----	4,195,120	1,319,445	298,595	1,212,839	7,026,099	5,812,793
Larimer-----	25,803,740	4,566,703	1,582,892	6,239,118	38,182,453	25,930,176
Las Animas-----	7,635,351	1,163,629	444,808	2,410,597	11,654,295	6,495,792
Lincoln-----	15,307,702	1,563,708	689,612	1,717,957	19,278,979	9,735,622
Logan-----	20,247,218	3,387,348	1,450,900	2,426,350	27,511,816	10,866,393
Mesa-----	9,745,965	3,244,609	981,843	2,088,683	16,061,100	30,209,338
Mineral-----	228,990	60,225	25,010	104,656	418,881	537,691
Moffat-----	3,426,540	700,855	306,480	1,041,637	5,475,512	(a)
Montezuma-----	2,722,808	755,815	201,760	1,336,695	5,017,078	6,996,047
Montrose-----	6,295,044	2,079,059	655,901	1,494,115	10,524,119	13,858,109
Morgan-----	15,065,041	2,998,970	1,172,956	3,483,644	22,720,611	11,548,557
Otero-----	11,730,057	2,725,477	927,872	1,922,835	17,306,241	19,738,280
Ouray-----	1,277,150	302,600	98,395	300,559	1,978,704	1,786,767
Park-----	2,737,184	687,236	255,634	952,930	4,632,984	2,925,215
Phillips-----	11,423,930	2,117,155	885,100	939,485	15,365,670	6,394,186
Pitkin-----	1,318,040	243,750	114,720	291,398	1,967,908	1,903,709
Prowers-----	10,174,623	1,720,780	557,718	1,551,563	14,004,684	13,938,513
Pueblo-----	11,823,044	2,236,450	718,040	1,558,817	16,336,351	9,940,218
Rio Blanco-----	3,442,895	798,010	294,660	1,464,338	5,999,903	4,350,437
Rio Grande-----	8,333,907	1,842,178	664,153	1,245,521	12,085,759	10,771,802
Routt-----	6,276,965	1,155,180	505,857	1,705,920	9,643,922	13,454,136
Saguache-----	6,571,414	887,420	358,658	1,774,186	9,591,678	9,299,491
San Juan-----	(b)	---	---	---	---	---
San Miguel-----	2,006,015	423,525	174,995	705,723	3,315,258	1,507,239
Sedgwick-----	7,648,345	1,354,950	483,350	739,972	10,226,617	5,439,388
Summit-----	610,850	142,950	46,525	143,861	944,186	602,166
Teller-----	1,045,945	249,595	96,745	262,026	1,654,311	1,268,472
Washington-----	18,627,450	2,672,079	1,334,048	2,426,687	25,060,264	8,266,561
Weld-----	59,480,778	10,497,342	3,760,667	11,096,378	84,835,165	56,363,139
Yuma-----	21,021,648	3,123,260	1,485,529	2,540,802	28,171,239	10,908,457
State-----	\$494,110,588	\$ 98,499,814	\$ 33,472,740	\$ 86,356,774	\$712,439,916	\$494,471,706

(a) County formed out of parts of other counties subsequent to 1910 census.

(b) County has no farms.

SPECIFIED FARM VALUES IN COLORADO, APRIL 1, 1930, AND 1920

(Compiled from Census Reports)

COUNTY	Farm Land and Buildings		Farm Implements and Machinery	
	1930	1920	1930	1920
Adams	\$ 23,143,053	\$ 26,901,211	\$ 1,760,342	\$ 1,663,876
Alamosa	6,777,009	6,164,415	573,907	296,947
Arapahoe	17,884,017	17,174,405	1,212,567	957,668
Archuleta	2,028,562	2,851,960	181,099	241,003
Baca	17,158,962	12,511,397	1,590,569	947,605
Bent	10,112,517	14,515,674	823,895	862,049
Boulder	18,128,233	23,343,151	1,078,663	1,517,998
Chaffee	3,132,970	3,173,885	257,144	223,023
Cheyenne	5,867,516	15,180,510	522,367	446,526
Clear Creek	592,238	548,600	15,440	29,960
Conejos	9,478,459	11,498,311	706,953	594,970
Costilla	4,145,803	6,211,797	394,569	262,236
Crowley	6,952,382	11,007,264	449,892	538,004
Custer	2,909,693	3,218,293	347,175	240,746
Delta	10,538,579	14,371,545	954,450	932,502
Denver	2,848,287	3,107,646	121,654	110,226
Dolores	502,800	753,480	105,321	41,300
Douglas	8,058,665	10,448,835	598,865	524,880
Eagle	4,314,696	4,233,125	366,904	248,818
Elbert	13,170,272	27,590,814	1,195,865	1,050,184
El Paso	17,319,833	21,631,734	1,031,391	1,104,639
Fremont	7,189,054	6,140,674	431,583	416,303
Garfield	8,472,775	11,271,300	591,639	798,828
Gilpin	149,870	193,985	15,240	18,751
Grand	3,172,663	3,284,240	185,745	175,390
Gunnison	4,129,000	4,235,182	296,685	329,398
Hinsdale	385,645	353,800	32,885	19,900
Huerfano	4,760,629	7,071,363	358,398	427,318
Jackson	3,430,876	5,680,992	225,160	193,195
Jefferson	24,106,053	19,286,253	972,824	1,046,930
Kiowa	5,529,623	8,160,370	436,017	326,083
Kit Carson	14,396,018	20,550,988	1,304,837	961,266
Lake	241,389	221,800	30,890	548,944
La Plata	6,643,259	7,310,267	630,904	22,090
Larimer	28,541,224	39,420,325	1,941,348	2,013,478
Las Animas	12,260,863	14,064,697	836,040	714,441
Lincoln	13,345,855	24,078,168	1,196,093	1,029,670
Logan	25,931,038	41,462,007	2,269,144	2,384,869
Mesa	16,205,224	16,034,577	1,313,813	1,209,883
Mineral	643,255	359,300	39,870	27,695
Moffat	5,670,029	8,394,431	476,867	688,784
Montezuma	5,046,342	5,543,230	576,628	480,902
Montrose	7,832,094	13,690,795	776,623	1,032,848
Morgan	19,736,549	27,648,440	1,709,789	1,614,576
Otero	13,360,386	20,067,756	961,300	1,194,335
Ouray	1,652,268	1,925,035	151,715	126,208
Park	4,018,412	3,505,286	305,954	229,513
Phillips	11,796,670	21,154,427	1,201,783	1,139,690
Pitkin	1,684,765	2,000,210	135,715	142,165
Prowers	14,871,233	21,321,622	1,208,892	1,012,076
Pueblo	15,323,482	27,664,475	1,122,781	1,201,273
Rio Blanco	5,077,685	5,755,348	398,142	427,346
Rio Grande	14,933,998	17,340,043	1,230,645	1,052,876
Routt	8,424,669	10,763,065	665,166	786,106
Saguache	8,650,968	10,954,145	597,750	465,275
San Juan .....	.....	.....	.....	.....
San Miguel	1,699,841	2,165,750	171,480	159,875
Sedgwick	10,680,721	13,012,585	1,138,368	794,150
Summit	729,900	741,250	62,660	64,901
Teller	1,377,791	1,575,701	105,696	103,045
Washington	15,063,272	32,740,702	1,372,716	2,081,929
Weld	74,876,659	112,249,669	6,446,662	7,194,455
Yuma	22,240,082	40,181,355	2,025,958	2,312,589
State	\$629,346,675	\$866,013,660	\$ 50,241,437	\$ 49,804,509

Note—The total value of all farm property in 1920, including land and buildings, livestock and farm implements and machinery, was \$1,076,794,749, classified as follows: Land in farms, \$763,722,716; farm buildings, \$102,290,944; implements and machinery, \$49,804,509; livestock, \$160,976,580. Total value all farm property in 1925 was \$712,439,922 and in 1910, \$494,471,706. The figures for 1925 and 1910, by counties, are given in a separate table.

PERCENTAGE OF NUMBER OF
FARMS OPERATED UNDER
DIFFERENT TENURES, 1930

PERCENTAGE OF FARM ACRE-
AGE OPERATED UNDER
DIFFERENT TENURES, 1930

COUNTY	Owners	Renters	Home- steaders	Owners and Renters	Owners	Renters	Home- steaders	Owners and Renters
Adams -----	49.78	36.89	---	13.33	33.33	39.45	---	27.22
Alamosa -----	65.63	31.24	---	3.13	68.78	25.37	---	5.85
Arapahoe -----	45.06	40.41	---	14.53	37.63	44.11	---	18.26
Archuleta -----	76.45	20.29	---	3.26	73.12	17.15	---	9.73
Baca -----	32.81	31.65	.29	35.25	27.97	27.71	.38	43.94
Bent -----	39.68	45.93	1.47	12.92	37.52	35.74	1.76	24.98
Boulder -----	53.05	44.44	---	2.51	48.35	45.71	---	5.94
Chaffee -----	75.00	25.00	---	---	77.90	22.10	---	---
Cheyenne -----	45.38	43.70	---	10.92	41.26	42.00	---	16.74
Clear Creek -----	75.00	21.43	3.57	---	93.67	5.81	.52	---
Conejos -----	91.07	8.93	---	---	90.10	4.61	---	5.29
Costilla -----	53.76	28.49	---	17.75	54.89	32.50	---	12.61
Crowley -----	29.69	54.83	.39	15.04	37.90	45.83	.85	15.42
Custer -----	75.19	21.85	1.48	1.48	79.49	18.25	1.25	1.01
Delta -----	66.67	26.98	.53	5.82	59.76	31.68	.76	7.80
Denver -----	---	---	---	---	---	---	---	---
Dolores -----	77.61	11.94	5.97	4.08	78.52	9.05	5.18	7.25
Douglas -----	51.96	39.38	---	8.66	50.57	38.88	---	10.55
Eagle -----	87.88	9.92	1.65	.55	88.37	8.50	2.60	.53
Filbert -----	55.11	33.27	---	11.62	51.86	29.43	---	18.71
El Paso -----	53.10	39.22	---	7.68	49.12	37.63	---	13.25
Fremont -----	75.42	15.05	.41	9.12	64.34	24.60	.97	10.09
Garfield -----	67.14	28.53	.29	4.04	61.76	31.80	.25	6.19
Gilpin -----	70.37	25.93	3.70	---	70.91	25.20	3.89	---
Grand -----	86.43	13.57	---	---	88.77	11.23	---	---
Gunnison -----	82.27	11.71	2.01	4.01	79.03	11.49	1.69	7.79
Hinsdale -----	81.94	9.03	---	9.03	70.10	12.86	---	17.04
Huerfano -----	87.11	9.82	2.46	.61	86.73	9.86	2.87	.54
Jackson -----	90.99	7.21	---	1.80	88.88	7.93	---	3.19
Jefferson -----	64.39	25.19	---	10.42	61.02	28.27	---	10.71
Kiowa -----	47.33	36.27	---	16.35	45.12	35.48	---	19.40
Kit Carson -----	32.96	44.05	---	22.99	30.55	40.33	---	29.12
Lake -----	33.33	16.67	---	---	81.80	18.20	---	---
La Plata -----	62.18	28.18	.18	9.46	60.72	24.18	.22	14.88
Larimer -----	50.69	44.02	.08	5.21	57.28	38.53	.02	4.17
Las Animas -----	68.83	21.93	---	9.24	48.87	29.85	---	21.28
Lincoln -----	45.19	36.50	.11	18.20	38.42	29.12	.09	32.37
Logan -----	31.63	51.78	.21	16.38	30.18	43.24	.09	26.49
Mesa -----	75.52	21.72	.20	2.56	67.12	24.26	1.51	7.11
Mineral -----	90.84	9.16	---	---	97.51	2.49	---	---
Moffat -----	75.00	12.50	7.64	4.86	69.35	13.74	7.36	9.55
Montezuma -----	65.27	23.35	.40	10.98	59.96	21.24	.37	18.43
Montrose -----	57.72	36.24	---	6.04	53.42	37.88	.07	8.63
Morgan -----	40.16	49.35	.07	10.42	35.99	42.54	.03	18.44
Otero -----	45.62	45.39	.12	8.87	52.57	40.38	.16	6.89
Ouray -----	71.83	27.46	---	.71	73.42	25.38	---	1.20
Park -----	72.48	17.89	9.17	.46	78.51	15.26	6.14	.09
Phillips -----	18.71	45.85	---	35.44	14.20	40.91	---	44.89
Pitkin -----	88.55	11.45	---	---	88.65	11.35	---	---
Prowers -----	42.74	47.99	---	9.27	43.74	45.10	---	11.16
Pueblo -----	53.90	31.57	.10	14.43	38.85	29.87	.11	31.17
Rio Blanco -----	98.00	2.00	---	---	99.23	.77	---	---
Rio Grande -----	85.00	15.00	---	---	68.12	21.23	---	10.65
Routt -----	81.25	15.39	1.92	1.44	78.40	15.56	2.79	3.25
Saguache -----	63.41	29.78	---	6.81	79.74	16.25	---	4.01
San Juan -----	---	---	---	---	---	---	---	---
San Miguel -----	82.58	8.96	3.98	4.48	85.15	5.63	2.47	6.75
Sedgwick -----	34.41	45.42	---	20.17	14.32	38.71	---	46.97
Summit -----	92.57	7.43	---	---	91.77	8.23	---	---
Teller -----	69.27	28.49	1.12	1.12	72.65	23.79	.46	3.10
Washington -----	23.29	40.03	---	36.68	18.07	33.29	---	48.64
Weld -----	34.97	54.66	.05	10.32	29.64	43.16	.02	27.18
Yuma -----	43.59	36.18	---	20.23	38.90	30.34	.04	30.72
State -----	51.20	36.40	.40	12.00	44.49	32.48	.50	22.53

FARM ACREAGE REPORTED UNDER VARIOUS TENURES AND TOTAL ACREAGE
HARVESTED, 1930

COUNTY	Acreage Owners	Acreage Renters	Acreage Home- steaders	Acreage Owners and Renters	Total Farm Acreage	Total Acreage Harvested	Harv. Area % of Total Area
Adams -----	138,943	162,121	----	115,806	416,870	211,820	26.23
Alamosa -----	70,334	24,825	----	4,141	99,300	62,205	13.38
Arapahoe -----	88,405	125,628	----	51,847	265,880	128,418	23.83
Archuleta -----	87,891	20,614	----	11,695	120,200	21,685	2.78
Baca -----	208,600	206,661	2,834	327,705	745,800	303,200	18.56
Bent -----	96,230	91,879	4,376	63,445	255,930	92,155	9.45
Boulder -----	67,226	63,555	----	8,259	139,040	82,130	16.80
Chaffee -----	39,807	11,293	----	-----	51,100	18,418	2.66
Cheyenne -----	111,505	113,505	----	45,240	270,250	125,256	11.01
Clear Creek -----	7,288	452	40	-----	7,780	1,205	0.48
Conejos -----	102,471	5,243	----	6,016	113,730	87,418	10.91
Costilla -----	21,626	13,385	----	5,149	40,160	29,826	3.93
Crowley -----	40,724	49,244	913	16,569	107,450	56,945	11.01
Custer -----	150,025	33,717	1,684	1,684	187,110	27,483	5.75
Delta -----	87,084	45,837	----	11,449	144,370	50,208	6.53
Denver -----	-----	-----	-----	-----	-----	-----	-----
Dolores -----	47,206	5,441	3,114	4,359	60,120	12,561	1.88
Douglas -----	131,965	131,965	-----	-----	263,930	50,932	9.42
Eagle -----	93,486	8,992	2,751	561	105,790	27,705	2.67
Elbert -----	383,917	219,381	-----	127,972	731,270	178,059	14.98
El Paso -----	309,871	235,099	-----	85,490	630,460	161,987	11.20
Fremont -----	99,126	37,446	1,102	15,416	153,090	20,926	2.10
Garfield -----	103,942	53,519	421	10,418	168,300	56,583	2.85
Gilpin -----	7,297	2,593	----	400	10,290	1,970	2.33
Grand -----	153,711	17,079	-----	-----	170,790	30,070	2.52
Gunnison -----	120,156	16,572	4,139	12,433	153,300	52,754	2.59
Hinsdale -----	6,540	1,200	----	1,590	9,330	3,695	0.59
Huerfano -----	199,791	22,713	6,611	1,245	230,360	36,489	3.80
Jackson -----	254,677	22,723	----	9,140	286,540	88,224	8.45
Jefferson -----	119,737	55,691	----	21,152	196,580	55,847	10.80
Kiowa -----	113,463	39,222	----	48,785	251,470	94,490	8.21
Kit Carson -----	211,990	318,021	----	211,989	742,000	362,638	26.24
Iake -----	11,370	2,530	----	-----	13,900	5,200	2.19
La Plata -----	132,746	52,862	481	32,531	218,620	55,674	4.70
Larimer -----	188,425	126,826	----	14,509	329,760	147,232	8.75
Las Animas -----	131,330	80,294	----	57,276	268,900	83,283	2.71
Lincoln -----	212,641	163,540	----	179,889	556,070	258,010	15.69
Logan -----	224,581	321,766	670	197,123	744,140	440,322	37.76
Mesa -----	92,757	33,729	2,811	11,243	140,540	77,882	3.85
Mineral -----	19,012	488	----	-----	19,500	3,360	0.61
Moffat -----	235,655	45,626	22,813	30,406	334,500	53,276	1.79
Montezuma -----	65,758	23,294	406	20,212	109,670	45,879	3.50
Montrose -----	79,971	56,839	----	12,530	149,340	68,621	4.74
Morgan -----	183,544	198,858	----	91,748	474,150	243,709	29.60
Otero -----	77,358	59,345	294	10,043	147,040	76,257	9.46
Ouray -----	28,227	9,666	----	387	38,280	14,348	4.32
Park -----	184,184	35,800	14,404	212	234,600	43,462	3.03
Phillips -----	43,128	150,951	-----	150,951	345,030	245,885	55.84
Pitkin -----	46,763	5,987	----	-----	52,750	13,290	2.04
Prowers -----	151,459	164,074	----	37,847	353,380	167,232	16.03
Pueblo -----	187,591	144,230	531	150,508	482,860	103,252	6.63
Rio Blanco -----	213,203	14,117	----	-----	227,320	44,406	2.15
Rio Grande -----	81,158	25,293	----	12,689	119,140	98,865	17.20
Routt -----	204,400	40,890	7,041	8,449	260,780	78,761	5.33
Saguache -----	110,312	22,906	----	5,942	139,160	99,620	4.97
San Juan -----	-----	-----	-----	-----	-----	-----	-----
San Miguel -----	117,141	7,745	3,398	9,286	137,570	14,977	1.82
Sedgwick -----	22,784	58,836	----	72,120	153,740	157,871	46.45
Summit -----	22,851	2,049	----	-----	24,900	9,934	2.39
Teller -----	72,301	23,676	458	3,085	99,520	12,845	3.67
Washington -----	167,363	308,329	----	450,498	926,190	389,090	24.12
Weld -----	347,049	502,583	----	311,068	1,160,700	730,809	28.39
Yuma -----	380,837	289,393	----	301,540	971,770	439,186	28.99
State -----	7,710,933	5,178,138	81,292	3,392,047	16,362,410	6,745,840	10.17

DISTRIBUTION OF FARMS ACCORDING TO SIZE, 1930

COUNTY	Less Than 3 Acres	3 to 10 Acres	10 to 20 Acres	20 to 50 Acres	50 to 100 Acres	100 to 175 Acres	175 to 250 Acres	250 to 500 Acres	500 to 1,000 Acres	1,000 to 2,000 Acres	Over 2,000 Acres
Adams	3	110	123	140	148	270	83	273	163	64	18
Alamosa	--	--	1	3	28	177	17	107	20	3	4
Arapahoe	2	51	47	53	50	66	42	166	138	50	10
Archuleta	--	1	--	12	24	110	31	64	23	7	8
Baca	--	--	--	2	6	34	22	430	408	155	43
Bent	--	4	7	27	99	219	68	179	106	39	12
Boulder	--	9	17	74	329	364	94	77	10	6	--
Chaffee	--	2	6	8	10	35	14	85	36	8	1
Cheyenne	--	--	--	--	--	53	53	177	80	37	--
Clear Creek	--	--	3	3	4	6	4	6	--	1	1
Conejos	--	13	43	121	164	183	62	47	15	--	2
Costilla	7	19	32	95	54	52	41	28	2	--	--
Crowley	--	10	13	68	127	150	36	99	44	3	--
Custer	--	2	1	7	10	73	31	100	65	16	5
Delta	6	52	152	466	357	248	79	64	14	2	--
Denver	--	--	--	--	--	--	--	--	--	--	--
Dolores	--	--	--	--	2	30	16	89	8	--	--
Douglas	--	--	2	7	8	48	21	97	114	58	20
Eagle	1	2	3	13	47	148	33	78	37	6	2
Elbert	--	--	1	5	7	124	69	436	272	106	50
El Paso	--	1	6	18	33	102	66	367	238	85	24
Fremont	78	348	136	131	67	56	23	27	21	2	1
Garfield	9	20	43	123	125	195	85	134	45	8	3
Gilpin	--	--	--	1	2	9	2	8	6	2	--
Grand	--	--	--	1	3	33	12	74	59	32	6
Gunnison	--	2	--	3	13	69	28	87	71	28	9
Hinsdale	1	--	--	--	--	9	3	10	7	--	--
Huerfano	--	3	3	18	43	99	34	145	96	31	18
Jackson	--	--	--	2	1	30	12	47	59	45	26
Jefferson	7	315	309	176	131	156	79	108	80	20	9
Kiowa	--	--	--	--	1	36	5	273	133	31	1
Kit Carson	--	--	--	1	9	129	79	610	385	131	16
Lake	--	--	--	1	--	6	1	8	10	--	1
La Plata	--	1	6	33	133	223	113	167	72	16	6
Larimer	2	64	79	164	318	442	144	120	61	26	20
Las Animas	--	37	32	85	99	174	50	239	111	34	9
Lincoln	--	--	1	4	12	150	75	400	272	94	17
Logan	3	7	21	31	119	443	170	718	322	82	19
Mesa	22	368	621	818	347	237	55	73	15	4	--
Mineral	--	--	--	--	--	9	4	8	1	4	4
Moffat	--	1	1	3	12	74	34	322	209	36	8
Montezuma	--	--	--	20	72	213	42	146	16	1	--
Montrose	1	10	33	239	345	257	77	47	9	1	1
Morgan	--	--	1	25	235	361	115	397	190	64	7
Otero	--	26	55	209	347	255	54	44	37	10	3
Ouray	--	--	--	8	23	40	24	45	7	3	--
Park	--	--	--	--	2	51	9	33	59	35	31
Phillips	--	--	--	1	6	61	35	307	217	42	1
Pitkin	--	--	1	4	7	42	22	33	23	2	1
Prowers	--	--	--	35	133	323	145	307	103	29	4
Pueblo	1	52	138	204	153	168	79	192	133	42	28
Rio Blanco	--	--	--	2	12	68	37	91	84	40	16
Rio Grande	--	3	--	3	11	173	25	155	46	11	3
Routt	--	3	--	5	20	168	82	235	107	18	2
Saguache	--	--	--	1	3	131	12	102	49	31	21
San Juan	--	--	--	--	--	--	--	--	--	--	--
San Miguel	--	--	--	2	22	56	11	69	50	13	7
Sedgwick	--	--	--	2	2	53	25	222	161	53	2
Summit	--	--	--	1	2	25	3	18	12	5	--
Teller	--	--	2	3	10	51	15	55	43	7	4
Washington	--	--	--	8	22	89	39	580	466	199	37
Weld	1	20	28	171	931	1,575	395	837	349	122	31
Yuma	--	--	1	6	23	141	116	671	453	148	36
State	144	1,556	1,969	3,666	5,323	9,372	3,252	11,133	6,442	2,148	608

NUMBER OF FARMS REPORTING PRINCIPAL CROPS IN 1930

COUNTY	Corn	Oats	Barley	Winter Wheat	Spring Wheat	All Rye	Pota- toes	All Sor- ghums	Al- falfa	Sugar Beets
Adams-----	858	258	662	528	477	69	60	287	591	333
Alamosa-----	---	246	172	2	187	---	294	---	312	74
Arapahoe-----	503	136	328	287	212	34	7	187	819	48
Archuleta-----	78	188	75	4	157	1	179	1	113	---
Baca-----	864	6	177	500	25	22	---	880	25	---
Bent-----	659	119	268	137	16	3	---	813	462	225
Boulder-----	622	414	727	428	538	11	20	---	921	425
Chaffee-----	---	118	123	---	111	2	140	---	146	9
Cheyenne-----	397	31	193	44	37	7	3	315	---	---
Clear Creek-----	1	15	1	1	---	1	11	---	5	---
Conejos-----	---	260	372	---	309	---	362	---	367	30
Costilla-----	11	67	155	18	182	---	116	---	182	9
Crowley-----	464	99	180	12	17	1	2	142	409	265
Custer-----	38	206	139	19	61	27	259	1	39	---
Delta-----	706	380	258	46	460	2	265	1	987	216
Denver-----	---	---	---	---	---	---	---	---	---	---
Dolores-----	97	48	19	58	32	2	41	24	2	---
Douglas-----	323	276	144	125	74	84	60	32	167	---
Eagle-----	1	134	50	11	93	---	149	---	280	---
Elbert-----	988	418	442	289	322	210	420	363	338	---
El Paso-----	888	450	113	53	160	217	269	197	115	15
Fremont-----	342	109	66	15	79	17	29	5	355	16
Garfield-----	164	357	258	13	431	11	424	1	683	99
Gilpin-----	---	28	2	---	2	1	28	---	---	---
Grand-----	---	66	41	7	6	8	58	---	19	---
Gunnison-----	1	54	50	2	24	4	195	---	35	---
Hinsdale-----	---	8	8	---	---	---	15	---	6	---
Huerfano-----	320	182	120	48	72	9	24	78	185	3
Jackson-----	---	4	4	---	---	2	1	---	---	---
Jefferson-----	617	500	255	194	403	17	294	4	713	47
Kiowa-----	453	2	69	8	9	2	---	684	16	---
Kit Carson-----	1,318	324	1,107	598	367	146	717	1,164	29	---
Lake-----	---	---	---	---	---	---	---	---	---	---
La Plata-----	255	423	309	35	504	4	513	10	648	---
Larimer-----	626	565	879	391	482	19	125	10	1,097	822
Las Animas-----	729	186	96	53	69	2	35	445	161	22
Lincoln-----	962	84	478	265	297	123	396	735	42	2
Logan-----	1,469	550	1,364	957	277	190	584	731	615	492
Mesa-----	1,813	523	244	219	512	17	586	22	1,541	174
Mineral-----	---	10	12	---	---	---	1	---	1	---
Moffat-----	127	286	148	154	209	187	269	11	449	3
Montezuma-----	268	271	121	27	289	4	382	57	337	---
Montrose-----	592	472	294	50	608	4	625	---	819	256
Morgan-----	1,124	305	860	268	250	109	167	353	738	642
Otero-----	823	339	349	125	61	3	---	126	767	583
Ouray-----	9	70	35	5	85	---	127	---	97	2
Park-----	---	159	64	---	13	32	166	---	---	---
Phillips-----	616	337	468	604	38	84	65	442	24	---
Pitkin-----	1	108	22	2	63	4	103	---	76	14
Provers-----	929	133	555	351	43	7	1	710	618	279
Pueblo-----	958	229	217	149	140	10	6	244	773	296
Rio Blanco-----	---	157	30	57	140	8	184	---	228	---
Rio Grande-----	---	248	263	---	141	---	292	---	255	11
Routt-----	2	367	292	49	175	15	277	---	214	2
Saguache-----	---	184	141	---	76	---	239	---	89	64
San Juan-----	---	---	---	---	---	---	---	---	---	---
San Miguel-----	41	96	121	37	48	7	56	6	102	---
Sedgwick-----	378	211	346	306	15	54	150	138	170	126
Summit-----	---	12	5	6	1	5	31	---	---	---
Teller-----	4	182	33	1	6	2	168	---	7	---
Washington-----	1,354	393	1,078	---	---	238	233	1,044	103	65
Weld-----	2,514	1,353	3,184	1,174	1,402	309	1,680	547	2,995	2,764
Yuma-----	1,530	358	607	860	141	420	445	1,232	60	1
State-----	27,837	14,114	19,193	9,592	10,948	2,767	12,348	11,542	20,847	8,484

PERCENTAGE OF TOTAL NUMBER OF FARMS REPORTING PRINCIPAL CROPS, 1930

COUNTY	Corn	Oats	Barley	Winter Wheat	Spring Wheat	All Rye	Pota- toes	All Sor- ghums*	Al- falfa	Sugar Beets
Adams-----	61.51	18.49	47.46	37.85	34.19	4.95	4.30	20.57	42.37	27.46
Alamosa-----	---	68.33	47.78	0.56	51.94	---	81.67	---	86.67	20.56
Arapahoe-----	74.52	20.15	48.59	42.52	31.41	5.04	1.04	27.70	47.26	7.11
Archuleta-----	27.86	67.14	26.79	1.43	56.07	0.36	63.93	0.36	40.36	---
Baca-----	78.55	0.55	16.09	45.45	2.27	2.00	---	8.00	2.27	---
Bent-----	86.71	15.66	35.26	18.03	2.11	0.39	---	41.18	60.79	29.61
Boulder-----	63.47	42.24	74.18	43.67	54.90	1.12	2.04	---	93.98	43.37
Chaffee-----	---	59.00	61.50	---	55.50	1.00	70.00	---	73.00	4.50
Cheyenne-----	99.25	7.75	48.25	11.00	9.25	1.75	0.75	78.75	---	---
Clear Creek-----	3.57	53.57	3.57	3.57	---	3.57	39.29	---	17.86	---
Conejos-----	---	40.00	57.23	---	47.54	---	55.69	---	56.46	4.62
Costilla-----	3.33	20.30	46.97	5.45	55.15	---	35.15	---	55.15	2.73
Crowley-----	84.36	18.00	32.73	2.18	3.09	0.18	0.36	25.82	74.36	48.18
Custer-----	12.26	66.45	44.84	6.13	19.68	8.71	83.55	0.32	12.58	---
Delta-----	49.03	26.39	17.92	3.19	31.94	0.14	18.40	0.07	68.54	15.00
Denver-----	---	---	---	---	---	---	---	---	---	---
Dolores-----	66.89	33.10	13.10	40.00	22.07	1.38	28.28	16.55	1.38	---
Douglas-----	86.13	73.60	38.40	33.33	19.73	22.40	16.00	8.53	44.53	---
Eagle-----	0.27	36.22	13.51	2.97	25.14	---	40.27	---	75.51	---
Elbert-----	92.34	39.07	41.31	27.01	30.09	19.63	39.25	33.93	31.59	---
El Paso-----	94.47	47.87	12.02	5.64	17.02	23.09	28.62	20.96	12.23	1.60
Fremon-----	38.43	12.25	7.42	1.69	8.88	1.91	3.26	0.56	39.89	1.80
Garfield-----	20.76	45.19	32.66	1.65	54.56	1.39	53.67	0.13	86.46	12.53
Gilpin-----	---	70.00	6.67	---	6.67	3.33	93.33	---	---	---
Grand-----	---	30.00	18.64	3.18	2.73	3.64	26.36	---	8.64	---
Gunnison-----	0.32	17.42	16.13	0.65	7.74	1.29	62.90	---	11.29	---
Hinsdale-----	---	26.67	26.67	---	---	---	50.00	---	20.00	---
Huerfano-----	65.31	37.14	24.49	9.80	14.69	1.84	4.90	15.92	37.46	0.61
Jackson-----	---	1.80	1.80	---	---	0.90	0.45	---	---	---
Jefferson-----	44.39	35.97	18.35	13.96	28.99	1.22	21.15	0.29	51.29	3.50
Kiowa-----	94.38	0.42	14.38	1.67	1.88	0.42	---	*142.50	3.33	---
Kit Carson-----	96.91	23.82	81.40	43.97	26.99	10.74	52.72	85.59	2.13	---
Lake-----	---	---	---	---	---	---	---	---	---	---
La Plata-----	32.90	54.58	39.87	4.52	65.03	0.52	66.19	1.29	83.61	---
Larimer-----	43.47	39.24	61.04	27.15	33.47	1.32	8.68	0.69	76.18	57.08
Las Animas-----	83.79	21.38	11.03	6.09	7.93	0.23	4.02	51.15	18.51	2.53
Lincoln-----	93.85	8.20	46.63	25.85	28.98	12.00	38.63	71.71	4.10	0.20
Logan-----	75.92	28.42	70.49	49.46	14.32	9.82	30.18	37.78	31.78	25.43
Mesa-----	70.82	20.43	9.53	8.55	20.00	0.66	22.89	0.86	60.20	6.80
Mineral-----	---	33.33	40.00	---	---	---	3.33	---	3.33	---
Moffat-----	18.14	40.86	21.14	21.44	29.86	26.71	38.43	1.57	64.14	0.43
Montezuma-----	52.55	53.14	23.73	5.29	56.67	0.78	74.90	11.18	66.08	---
Montrose-----	58.04	46.27	28.82	4.90	59.61	0.39	61.27	---	80.29	25.10
Morgan-----	80.57	21.86	61.65	19.21	17.92	7.81	11.97	25.30	52.90	46.02
Otero-----	79.13	32.60	33.56	12.02	5.87	0.29	---	12.12	73.75	56.06
Ouray-----	6.00	46.67	23.33	3.33	56.67	---	84.67	---	64.67	1.33
Park-----	---	72.27	29.09	---	5.91	14.55	75.45	---	---	---
Phillips-----	91.94	50.30	69.85	90.15	5.67	12.54	9.70	65.97	3.58	---
Pitkin-----	0.74	80.00	16.30	1.48	46.67	2.96	76.30	---	56.30	10.37
Prowers-----	86.01	12.31	51.39	32.50	3.98	0.65	0.09	65.74	57.22	25.83
Pueblo-----	80.50	19.24	18.24	12.52	11.76	0.84	0.50	20.50	64.96	24.87
Rio Blanco-----	---	44.86	8.57	16.29	40.00	2.29	52.57	---	65.14	---
Rio Grande-----	---	57.67	61.16	---	32.79	---	67.91	---	69.30	2.56
Routt-----	0.31	57.34	45.63	7.66	27.34	2.34	43.28	---	33.44	0.31
Saguache-----	---	52.57	40.29	---	21.71	---	68.29	---	25.43	18.29
San Juan-----	---	---	---	---	---	---	---	---	---	---
San Miguel-----	17.83	41.74	52.61	16.09	20.87	3.04	24.35	2.61	44.35	---
Sedgwick-----	72.69	40.58	66.54	58.85	2.88	10.38	28.85	26.54	32.69	24.23
Summit-----	---	18.18	7.58	9.09	1.52	7.58	46.97	---	---	---
Teller-----	2.11	95.79	17.37	0.53	3.16	1.05	88.42	---	3.68	---
Washington-----	94.03	27.29	74.86	---	---	16.53	16.18	72.50	7.15	4.51
Weld-----	56.37	30.34	71.39	26.32	31.43	6.93	37.67	12.26	67.15	61.97
Yuma-----	95.92	22.45	38.06	53.92	8.84	26.33	27.90	77.24	3.76	0.06
State-----	61.03	30.94	42.08	21.03	24.00	6.07	27.07	25.30	45.70	18.60

*Grain and sweet sorghums combined make total in excess of total number of farms.

AVERAGE NUMBER OF ACRES OF PRINCIPAL CROPS FOR EACH FARM REPORTING
SUCH CROPS IN 1930

COUNTY	Corn	Oats for Grain	Barley	Winter Wheat	Spring Wheat	All Rye	Pota- toes	All Sor- ghums	Al- falfa	Sugar Beets
Adams-----	41.35	9.96	33.69	106.53	46.33	32.35	2.00	18.12	28.78	27.78
Alamosa-----	-----	20.04	15.70	10.00	12.62	-----	19.83	-----	55.29	16.08
Arapahoe-----	44.27	11.47	27.47	135.16	57.36	35.50	1.43	18.88	39.12	28.75
Archuleta-----	5.38	8.88	6.80	10.00	9.17	-----	0.89	-----	43.27	-----
Baca-----	65.37	30.00	28.31	259.00	78.40	52.04	-----	55.56	45.60	-----
Bent-----	39.73	9.83	18.96	22.92	21.88	40.00	-----	42.94	65.54	23.73
Boulder-----	16.75	11.23	11.33	24.98	13.79	21.09	2.50	-----	25.16	22.96
Chaffee-----	-----	11.78	16.34	-----	7.57	20.00	2.79	-----	35.07	8.89
Cheyenne-----	213.15	25.16	59.90	117.73	59.73	60.14	10.00	41.71	-----	-----
Clear Creek-----	-----	12.67	10.00	-----	-----	10.00	1.82	-----	4.00	-----
Conejos-----	-----	20.96	22.63	-----	16.05	-----	14.97	-----	65.69	10.67
Costilla-----	-----	9.55	16.26	17.78	8.68	-----	5.95	-----	31.43	2.22
Crowley-----	28.04	11.01	15.17	12.50	7.06	35.00	5.00	19.93	38.14	22.49
Custer-----	22.11	12.77	13.24	9.47	7.70	14.85	6.64	10.00	105.64	-----
Delta-----	6.57	2.87	8.68	9.13	5.85	7.00	2.72	-----	31.05	13.10
Denver-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Dolores-----	17.22	19.17	20.53	36.72	51.25	130.50	4.39	6.25	85.00	-----
Douglas-----	44.55	25.94	20.14	38.24	11.89	23.42	0.67	19.69	43.71	-----
Eagle-----	-----	11.04	6.20	11.82	8.28	-----	8.19	-----	18.82	-----
Elbert-----	41.03	24.69	22.31	62.01	40.75	28.50	1.29	14.16	32.96	-----
El Paso-----	51.39	37.47	23.72	27.92	20.19	33.02	1.56	17.97	92.35	40.67
Fremont-----	8.22	14.50	11.97	11.33	5.19	9.76	7.59	2.00	19.01	4.38
Garfield-----	5.12	7.03	9.61	8.46	10.53	23.45	5.99	-----	56.05	17.47
Gilpin-----	-----	18.57	5.00	-----	5.00	10.00	2.50	-----	-----	-----
Grand-----	-----	14.85	16.59	12.86	1.67	18.13	1.38	-----	25.79	-----
Gunnison-----	-----	12.04	7.60	20.00	4.17	4.75	1.18	-----	56.00	-----
Hinsdale-----	-----	43.75	6.25	-----	-----	-----	1.33	-----	8.33	-----
Huerfano-----	19.19	10.60	8.42	52.92	6.11	7.44	5.83	13.59	80.65	13.33
Jackson-----	-----	40.00	10.00	-----	-----	32.00	40.00	-----	-----	-----
Jefferson-----	11.69	10.56	15.76	38.97	14.47	12.29	2.04	7.50	23.59	20.85
Kiowa-----	132.91	80.00	58.70	88.75	71.11	60.00	-----	33.70	116.25	-----
Kit Carson-----	112.39	21.33	73.72	97.19	59.51	45.77	0.54	20.04	38.62	-----
Lake-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
La Plata-----	8.78	14.14	8.93	31.14	17.58	8.50	1.62	11.00	36.67	-----
Larimer-----	21.15	10.64	19.43	42.51	24.44	16.16	3.84	5.00	42.09	28.10
Las Animas-----	31.85	9.25	25.10	60.57	10.58	30.00	-----	20.34	93.79	32.73
Lincoln-----	97.34	18.33	65.10	87.58	72.73	45.28	1.16	28.39	59.76	-----
Logan-----	71.69	16.49	50.15	150.68	51.99	55.36	1.75	16.09	38.41	42.42
Mesa-----	8.33	6.44	7.91	9.50	5.90	15.88	2.41	8.18	21.57	10.98
Mineral-----	-----	15.00	10.33	-----	-----	-----	-----	-----	20.00	-----
Moffat-----	8.50	14.02	14.86	26.10	19.23	34.10	2.01	9.09	35.95	-----
Montezuma-----	10.90	18.78	11.32	34.81	21.18	15.75	1.91	4.56	55.45	-----
Montrose-----	7.21	10.91	9.08	9.60	12.98	19.25	6.43	-----	39.62	10.78
Morgan-----	64.94	13.64	27.44	117.39	58.84	41.42	7.66	20.51	35.20	40.16
Otero-----	16.12	7.67	9.51	12.72	11.64	6.67	-----	23.57	24.69	23.76
Ouray-----	22.22	11.86	17.14	10.00	11.88	-----	1.57	-----	28.25	-----
Park-----	-----	3.02	8.28	-----	4.62	16.16	8.25	-----	-----	-----
Phillips-----	112.69	27.80	53.14	202.55	51.05	57.98	2.92	13.64	35.83	-----
Pitkin-----	-----	14.54	5.45	-----	7.30	97.50	6.31	-----	35.53	-----
Prowers-----	37.05	12.56	35.80	51.85	37.44	18.86	-----	37.55	73.79	25.95
Pueblo-----	25.17	9.48	11.43	65.37	11.14	21.80	1.67	17.83	25.28	23.18
Rio Blanco-----	-----	15.35	17.00	25.44	20.14	36.38	0.27	-----	78.86	-----
Rio Grande-----	-----	31.05	25.93	-----	18.51	-----	67.94	-----	75.53	0.91
Routt-----	35.00	26.54	15.75	40.20	22.06	9.93	3.32	-----	33.69	-----
Saguache-----	-----	23.42	22.55	-----	16.32	-----	31.17	-----	107.75	-----
San Juan-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel-----	7.80	13.13	10.99	17.57	8.75	23.14	2.86	5.00	55.20	-----
Sedgwick-----	58.04	21.90	49.57	265.75	26.67	55.72	2.93	15.14	29.47	39.37
Summit-----	-----	14.17	14.00	8.33	10.00	9.80	0.97	-----	-----	-----
Teller-----	12.50	6.87	9.39	10.00	5.00	75.00	7.68	-----	17.14	-----
Washington-----	102.51	13.16	61.85	-----	-----	59.29	1.80	20.79	41.55	23.23
Weld-----	32.57	12.65	27.80	117.58	40.24	45.06	11.73	18.85	31.02	33.46
Yuma-----	133.48	15.50	45.32	144.88	67.09	59.86	1.30	17.21	40.17	-----
State-----	54.46	15.02	31.89	119.58	28.50	43.37	6.96	25.04	38.42	28.64

PER CENT OF HARVESTED AREA DEVOTED TO PRINCIPAL CROPS, 1930

COUNTY	Corn	Winter Wheat	Spring Wheat	Oats	Barley	All Rye	All Sor- ghums	Pota- toes	Sugar Beets
Adams -----	16.75	26.56	10.43	1.21	10.53	1.05	2.45	0.06	5.02
Alamosa -----	-----	0.03	3.79	7.93	4.34	-----	-----	9.37	1.91
Arapahoe -----	17.34	30.21	9.47	1.21	7.02	0.94	2.75	0.01	1.07
Archuleta -----	1.94	0.18	6.64	7.70	2.35	-----	-----	0.74	-----
Raca -----	18.63	42.71	0.65	0.06	1.65	0.38	16.12	-----	-----
Bent -----	28.41	3.41	0.38	1.27	5.51	0.13	14.58	0.01	5.79
Boulder -----	12.69	13.02	9.03	5.66	10.03	0.28	-----	0.06	11.88
Chaffee -----	0.05	-----	4.56	7.55	10.91	0.22	-----	2.12	0.43
Cheyenne -----	67.66	4.14	1.76	0.62	9.23	0.34	10.49	0.02	-----
Clear Creek -----	-----	-----	-----	15.77	0.83	0.83	-----	1.66	-----
Conejos -----	-----	-----	5.67	6.23	9.63	-----	-----	6.20	0.37
Costilla -----	-----	1.07	5.30	2.15	8.45	0.12	-----	2.31	0.07
Crowley -----	22.85	0.26	0.21	1.91	4.79	0.06	4.97	0.02	10.47
Custer -----	3.06	0.65	1.71	9.57	6.70	1.46	0.04	6.26	-----
Delta -----	9.24	0.84	5.36	2.17	4.46	0.03	-----	1.43	5.64
Denver -----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Dolores -----	13.30	16.96	13.06	7.32	3.10	2.08	1.19	1.43	-----
Douglas -----	28.15	9.39	1.73	14.06	5.69	3.86	1.24	0.08	-----
Eagle -----	-----	0.47	2.78	5.34	1.12	-----	-----	4.40	-----
Elbert -----	22.77	10.06	7.37	5.80	5.54	3.36	2.89	0.30	-----
El Paso -----	30.02	0.97	2.13	11.09	1.76	4.71	2.33	0.28	0.40
Fremont -----	13.43	0.81	1.96	7.55	3.78	0.79	0.05	1.05	0.33
Garfield -----	1.48	0.19	8.02	4.44	4.38	0.46	-----	4.49	3.06
Gilpin -----	-----	-----	0.05	26.40	0.51	0.51	-----	3.55	-----
Grand -----	-----	0.30	0.03	3.25	2.26	0.48	-----	0.27	-----
Gunnison -----	-----	0.08	0.19	1.23	0.72	0.04	-----	0.44	-----
Hinsdale -----	-----	-----	-----	9.47	1.35	-----	-----	0.54	-----
Huerfano -----	16.83	6.96	1.21	5.29	2.77	0.18	2.90	0.38	0.11
Jackson -----	-----	-----	-----	0.18	0.05	0.07	-----	0.05	-----
Jefferson -----	12.91	13.54	10.44	9.45	7.20	0.37	0.05	1.07	1.75
Kiowa -----	63.72	0.75	0.68	0.17	4.29	0.13	24.39	0.01	-----
Kit Carson -----	40.85	16.03	6.02	1.91	22.50	1.84	6.43	0.11	-----
Lake -----	-----	-----	-----	-----	-----	-----	-----	-----	-----
La Plata -----	4.02	1.96	15.91	10.74	4.96	0.06	0.20	1.49	-----
Larimer -----	8.99	11.29	8.00	4.08	11.60	0.21	0.03	0.33	15.69
Las Animas -----	27.88	3.85	0.88	2.07	2.89	0.07	10.87	-----	0.86
Lincoln -----	36.29	9.00	8.37	0.60	12.06	2.16	8.09	0.18	-----
Logan -----	23.91	32.75	3.27	2.06	15.53	2.39	2.67	0.23	4.74
Mesa -----	19.39	2.67	3.88	4.33	2.48	0.35	0.23	1.81	2.45
Mineral -----	-----	-----	-----	4.46	3.87	-----	-----	-----	-----
Moffat -----	2.03	7.55	7.55	7.53	4.13	11.97	0.19	1.01	-----
Montezuma -----	6.34	2.05	13.34	11.09	2.99	0.14	0.57	1.59	-----
Montrose -----	6.22	0.70	11.50	7.50	3.89	0.11	-----	5.86	4.02
Morgan -----	29.96	12.91	6.04	1.71	9.68	1.85	2.97	0.53	10.58
Otero -----	17.40	2.09	0.93	3.41	4.35	0.03	3.89	-----	18.16
Ouray -----	1.39	0.35	7.04	5.78	4.18	0.47	-----	1.39	-----
Park -----	-----	-----	0.14	1.10	1.22	1.19	-----	3.15	-----
Phillips -----	28.23	49.75	0.79	3.81	10.11	1.98	2.45	0.08	-----
Pitkin -----	-----	-----	3.46	11.81	0.90	2.93	-----	4.89	-----
Prowers -----	20.58	10.88	0.96	1.00	8.56	0.08	15.95	-----	4.33
Pueblo -----	23.35	9.43	1.51	2.10	2.40	0.21	4.21	0.01	6.64
Rio Blanco -----	-----	3.27	6.35	5.43	1.15	0.66	-----	0.11	-----
Rio Grande -----	-----	-----	2.64	7.79	6.90	-----	-----	20.07	0.01
Routt -----	0.09	2.50	4.90	12.37	5.84	0.19	0.04	1.17	-----
Saguache -----	-----	-----	1.24	4.33	3.19	-----	-----	7.48	-----
San Juan -----	-----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel -----	2.14	4.34	2.80	8.41	8.88	1.08	0.20	1.07	-----
Sedgwick -----	21.08	51.51	0.25	2.93	10.86	1.91	1.32	0.23	3.14
Summit -----	-----	0.50	0.10	1.71	0.70	0.49	-----	0.30	-----
Teller -----	0.39	0.08	0.23	9.73	2.41	1.17	-----	10.04	-----
Washington -----	35.67	20.36	5.18	1.33	17.13	3.63	5.58	0.11	0.39
Weld -----	11.21	18.89	7.71	2.34	12.11	1.91	1.41	2.70	12.65
Yuma -----	46.50	28.37	2.15	1.26	6.26	5.72	4.83	0.13	-----
State -----	22.51	17.00	4.63	3.14	9.07	1.78	4.28	1.27	3.60

PERCENTAGE OF CROPS GROWN WITH AND WITHOUT IRRIGATION, 1930

COUNTY	OATS		BARLEY		POTATOES		CORN		DRY BEANS	
	% Irrigated	% Non-Irrigated	% Irrigated	% Non-Irrigated	% Irrigated	% Non-Irrigated	% Irrigated	% Non-Irrigated	% Irrigated	% Non-Irrigated
Adams-----	62.5	37.5	15.7	84.3	89.0	11.0	7.2	92.8	1.6	98.4
Alamosa-----	100.0	---	100.0	---	100.0	---	---	---	---	---
Arapahoe-----	31.3	68.7	8.6	91.4	100.0	---	2.7	97.3	0.3	99.7
Archuleta-----	12.4	87.6	20.1	79.9	---	100.0	85.9	14.1	8.0	92.0
Baca-----	---	100.0	---	100.0	---	---	---	100.0	---	100.0
Bent-----	100.0	---	97.9	2.1	5.00	50.0	46.4	53.6	14.6	85.4
Boulder-----	87.7	12.3	96.7	3.3	100.0	---	73.1	26.9	46.2	53.8
Chaffee-----	100.0	---	100.0	---	100.0	---	100.0	---	---	---
Cheyenne-----	---	100.0	---	100.0	---	100.0	---	100.0	---	100.0
Clear Creek-----	2.6	97.4	---	100.0	10.5	89.5	---	100.0	---	---
Conejos-----	99.0	1.0	100.0	---	100.0	---	---	---	100.0	---
Costilla-----	100.0	---	100.0	---	100.0	---	---	---	100.0	---
Crowley-----	99.4	0.6	99.8	0.2	---	100.0	52.6	47.4	16.8	83.2
Custer-----	41.8	58.2	38.3	61.7	3.9	96.1	11.4	88.6	---	---
Delta-----	97.8	2.2	99.2	0.8	99.7	0.3	96.9	3.1	87.6	12.4
Denver-----	---	---	---	---	---	---	---	---	---	---
Dolores-----	---	100.0	---	100.0	---	100.0	---	100.0	---	100.0
Douglas-----	0.3	99.7	0.2	99.8	---	100.0	---	100.0	---	100.0
Eagle-----	98.7	1.3	96.0	4.0	99.3	0.7	100.0	---	---	---
Elbert-----	---	100.0	---	100.0	---	100.0	---	100.0	---	100.0
El Paso-----	1.4	98.6	17.9	82.1	0.2	99.8	1.9	98.1	0.1	99.9
Fremont-----	37.3	62.7	66.7	33.3	---	100.0	77.2	22.8	63.2	36.8
Garfield-----	94.5	5.5	92.7	7.3	98.0	2.0	88.9	11.1	100.0	---
Gilpin-----	---	100.0	---	100.0	---	100.0	---	---	---	---
Grand-----	100.0	---	100.0	---	98.4	1.6	---	---	---	---
Gunnison-----	23.9	76.1	45.7	54.3	31.8	68.2	---	100.0	---	---
Hinsdale-----	8.9	91.1	50.0	50.0	90.9	9.1	---	---	---	---
Huerfano-----	25.5	74.5	49.3	50.7	17.9	82.1	6.1	93.9	4.0	96.0
Jackson-----	84.6	15.4	100.0	---	---	100.0	---	---	---	---
Jefferson-----	50.6	49.4	78.6	21.4	17.9	82.1	56.0	44.0	100.0	---
Kiowa-----	---	100.0	0.7	99.3	0.2	99.8	---	100.0	---	100.0
Kit Carson-----	0.3	99.7	---	100.0	0.2	99.8	---	100.0	---	100.0
Lake-----	---	---	---	---	---	---	---	---	---	---
La Plata-----	72.0	28.0	72.4	27.6	65.0	35.0	37.0	63.0	57.0	43.0
Larimer-----	81.1	18.9	80.5	19.5	77.2	22.8	58.5	41.5	36.2	63.8
Las Animas-----	38.7	61.3	13.8	86.2	26.9	73.1	4.4	95.6	7.9	92.1
Lincoln-----	---	100.0	0.1	99.9	---	100.0	---	100.0	---	100.0
Logan-----	40.4	59.6	21.9	78.1	22.4	77.6	5.6	94.4	14.6	85.4
Mesa-----	90.3	9.7	89.0	11.0	83.0	17.0	92.9	7.1	93.0	7.0
Mineral-----	100.0	---	100.0	---	---	---	---	---	---	---
Moffat-----	15.2	84.8	6.2	93.8	7.4	92.6	---	100.0	---	100.0
Montezuma-----	74.4	25.6	75.5	24.5	52.3	47.7	20.4	79.6	6.2	93.8
Montrose-----	99.6	0.4	99.9	0.1	99.0	1.0	98.5	1.5	94.2	5.8
Morgan-----	59.4	40.6	44.8	55.2	97.8	2.2	8.6	91.4	10.5	89.5
Otero-----	100.0	---	95.1	4.9	50.0	50.0	85.7	14.3	96.5	3.5
Ouray-----	85.1	14.9	36.4	63.6	58.3	41.7	99.5	0.5	---	---
Park-----	---	100.0	---	100.0	---	100.0	---	---	---	---
Phillips-----	---	100.0	---	100.0	---	100.0	---	100.0	---	100.0
Pitkin-----	100.0	---	100.0	---	100.0	---	---	---	---	---
Prowers-----	86.2	13.8	65.5	34.5	50.0	50.0	41.2	58.8	57.8	42.2
Pueblo-----	46.3	53.7	79.7	20.3	---	100.0	35.8	64.2	16.1	83.9
Rio Blanco-----	69.0	31.0	7.5	92.5	12.8	87.2	---	---	---	---
Rio Grande-----	100.0	---	100.0	---	100.0	---	---	---	---	---
Routt-----	3.7	96.3	3.7	96.3	7.4	92.6	100.0	---	---	---
Saguache-----	100.0	---	100.0	---	100.0	---	---	---	---	---
San Juan-----	---	---	---	---	---	---	---	---	---	---
San Miguel-----	43.0	57.0	26.3	73.7	14.1	85.9	21.2	78.8	---	100.0
Sedgwick-----	28.6	71.4	20.5	79.5	90.3	9.7	8.5	91.5	82.5	17.5
Summit-----	99.4	0.6	95.7	4.3	65.6	34.4	---	---	---	---
Teller-----	---	100.0	---	100.0	---	100.0	---	100.0	---	---
Washington-----	3.2	96.8	1.8	98.2	5.5	94.5	0.7	99.3	0.8	99.2
Weld-----	65.1	34.9	50.4	49.6	97.2	2.8	20.1	79.9	30.2	69.8
Yuma-----	0.1	99.9	0.4	99.6	10.0	90.0	---	100.0	---	100.0
State-----	42.4	57.6	27.5	72.5	83.1	16.9	9.1	90.9	12.4	87.6

**AVERAGE YIELD, IN BUSHEL, OF PRINCIPAL CROPS PER ACRE FOR FIVE YEARS
ENDING WITH 1930**

COUNTY	WINTER WHEAT		SPRING WHEAT		CORN		BARLEY		POTATOES	
	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated	Irrigated	Non-Irrigated
Adams-----	29.22	11.14	30.39	9.36	34.35	12.89	39.01	15.09	116.95	37.80
Alamosa-----	28.00	-----	25.08	-----	-----	-----	32.15	-----	171.93	-----
Arapahoe-----	19.87	12.20	29.58	9.78	33.96	13.58	40.23	15.46	101.25	48.00
Archuleta-----	30.43	14.81	28.09	12.46	31.81	14.01	38.11	18.87	109.08	60.85
Baca-----	22.62	9.09	21.00	6.54	35.41	12.87	29.88	11.64	-----	-----
Bent-----	32.01	2.08	28.32	9.08	39.58	12.56	40.78	11.69	92.00	45.00
Boulder-----	32.56	15.66	31.22	13.57	35.63	17.69	43.44	20.52	112.44	32.00
Chaffee-----	30.00	-----	26.08	-----	45.00	12.00	38.11	-----	123.14	-----
Cheyenne-----	-----	5.09	26.00	7.05	-----	11.78	-----	10.55	-----	45.95
Clear Creek-----	-----	-----	-----	-----	-----	-----	34.00	17.33	110.00	48.00
Conejos-----	-----	-----	25.21	-----	24.92	-----	38.08	-----	163.89	-----
Costilla-----	31.76	-----	24.07	12.00	24.07	8.00	35.92	8.00	160.02	40.00
Crowley-----	30.98	-----	25.13	-----	38.52	11.60	42.26	11.00	77.50	40.00
Custer-----	29.63	14.77	25.43	12.16	38.62	13.07	33.51	14.46	143.78	85.90
Delta-----	31.58	14.79	31.71	10.50	39.41	18.63	44.49	17.48	128.97	61.64
Denver-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Dolores-----	-----	12.25	-----	11.99	-----	13.04	-----	16.30	-----	51.74
Douglas-----	26.23	13.37	26.65	10.94	32.57	14.70	33.50	19.31	-----	53.27
Eagle-----	35.44	16.67	33.79	14.73	-----	-----	46.41	20.18	207.16	36.09
Elbert-----	26.18	12.47	23.35	9.42	-----	13.06	38.00	14.06	-----	53.92
El Paso-----	29.65	12.91	26.63	9.22	30.82	12.36	35.92	13.97	93.33	57.70
Fremont-----	29.62	10.17	27.99	10.53	40.22	13.24	40.67	13.62	115.00	59.09
Garfield-----	31.58	16.65	32.06	16.99	35.90	15.39	42.43	18.28	183.92	53.06
Gilpin-----	-----	-----	-----	12.80	-----	-----	-----	17.85	-----	45.05
Grand-----	29.44	16.48	29.90	12.20	-----	-----	46.55	20.25	134.79	40.83
Gunnison-----	29.00	14.43	29.81	16.68	30.00	-----	35.78	16.99	137.32	61.67
Hinsdale-----	-----	-----	-----	-----	-----	-----	36.25	18.75	126.90	-----
Huerfano-----	29.33	12.24	24.11	9.54	30.18	11.06	38.29	16.50	134.55	82.94
Jackson-----	38.29	-----	26.33	-----	21.00	-----	34.09	21.67	111.25	102.22
Jefferson-----	31.96	15.33	31.55	13.33	33.09	14.60	41.20	17.01	125.31	59.89
Kiowa-----	30.00	4.47	27.21	5.21	27.00	11.04	39.00	9.37	100.00	40.00
Kit Carson-----	-----	7.68	26.78	7.22	28.67	11.97	38.00	12.40	-----	45.48
Lake-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
La Plata-----	31.45	16.18	27.76	12.62	32.24	16.39	37.11	18.84	129.76	62.26
Larimer-----	34.52	16.68	32.33	14.51	36.37	16.41	47.22	20.87	139.26	53.62
Las Animas-----	30.43	5.66	25.22	4.96	36.10	10.09	38.25	10.60	126.67	38.79
Lincoln-----	30.10	9.64	25.00	7.20	33.50	12.50	38.00	10.64	85.00	51.82
Logan-----	28.89	12.09	28.23	9.37	35.51	15.04	42.27	16.66	131.88	57.88
Mesa-----	31.18	13.62	30.28	12.29	39.86	15.02	40.50	16.72	103.35	41.55
Mineral-----	-----	-----	-----	-----	-----	-----	35.75	-----	113.33	-----
Moffat-----	31.10	17.55	28.79	15.24	24.83	14.53	43.24	23.74	161.15	65.99
Montezuma-----	27.15	14.01	27.41	12.00	31.69	15.75	34.91	16.39	128.48	56.01
Montrose-----	31.94	15.09	31.98	11.96	39.16	16.99	41.58	14.63	137.50	41.37
Morgan-----	27.11	10.53	29.34	9.05	39.05	13.24	44.86	15.63	159.10	47.49
Otero-----	32.39	9.75	29.53	7.28	40.76	11.05	40.49	10.98	85.86	50.00
Ouray-----	32.40	15.18	30.72	13.39	46.00	-----	39.71	16.07	146.11	49.68
Park-----	-----	10.36	-----	10.38	-----	-----	-----	18.12	112.14	62.68
Phillips-----	-----	13.34	-----	9.75	-----	15.36	-----	19.05	-----	62.77
Pitkin-----	23.00	-----	35.32	13.50	40.00	-----	41.91	18.00	192.41	35.00
Prowers-----	30.17	7.75	27.06	6.07	38.21	11.01	42.20	11.32	85.00	44.40
Pueblo-----	31.14	11.55	29.67	8.36	38.71	11.49	42.64	12.15	91.67	80.00
Rio Blanco-----	33.72	18.89	33.74	17.13	26.54	12.97	43.20	24.66	155.25	64.78
Rio Grande-----	31.00	-----	26.64	-----	-----	-----	34.54	-----	184.35	-----
Routt-----	31.69	20.70	31.82	19.23	33.68	13.91	43.31	26.85	166.81	81.13
Saguache-----	32.47	-----	24.23	-----	-----	-----	33.98	19.00	170.97	-----
San Juan-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel-----	29.82	15.04	28.49	10.79	33.82	14.66	41.38	17.72	131.52	59.13
Sedgwick-----	32.12	14.30	27.42	9.13	37.58	15.35	43.81	20.60	137.59	46.24
Summit-----	29.45	10.18	29.00	-----	-----	-----	38.68	18.36	105.79	68.63
Teller-----	-----	17.61	29.00	12.11	-----	14.75	-----	16.94	-----	66.82
Washington-----	28.61	7.17	25.89	6.73	34.67	13.62	40.21	12.71	107.39	47.21
Weld-----	31.56	12.77	30.60	10.93	36.15	14.18	46.29	17.91	145.36	45.91
Yuma-----	-----	10.48	27.49	7.92	29.06	14.06	38.49	14.81	121.94	56.94
State-----	31.22	10.81	29.83	9.66	37.61	13.28	42.31	14.81	160.03	60.43

ACREAGE, PRODUCTION AND VALUE OF WHEAT IN COLORADO, 1880-1930

YEAR	Acres	Yield per Acre, Bushels	Production, Bushels	Price per Bushels	Value	Value per Acre
1880-----	65,300	17.0	1,110,100	\$.95	\$ 1,054,595	\$16.15
1881-----	66,000	19.8	1,310,000	1.33	1,742,300	26.40
1882-----	95,000	16.8	1,598,200	.94	1,502,308	15.81
1883-----	114,000	21.0	2,394,000	.95	2,298,240	20.16
1884-----	117,430	20.0	2,348,000	.56	1,314,880	11.20
1885-----	120,943	19.8	2,395,000	.82	1,963,900	16.24
1886-----	122,152	19.8	2,419,000	.72	1,693,300	13.87
1887-----	119,709	21.0	2,514,000	.75	1,885,500	15.75
1888-----	134,974	17.5	2,346,000	.90	2,111,400	15.75
1889-----	87,300	21.2	1,851,000	.72	1,332,547	15.26
1890-----	96,000	18.5	1,777,000	.81	1,439,010	14.99
1891-----	100,832	20.2	2,037,000	.73	1,486,808	14.74
1892-----	131,682	19.1	2,504,000	.58	1,452,126	11.08
1893-----	137,636	13.2	1,816,795	.52	944,733	6.86
1894-----	119,777	17.9	2,144,000	.65	1,393,600	11.62
1895-----	119,500	23.5	2,808,250	.56	1,572,000	13.16
1896-----	159,839	17.5	2,797,182	.61	1,706,281	10.67
1897-----	213,221	24.0	5,117,544	.70	3,582,281	16.80
1898-----	255,877	26.3	6,729,565	.56	3,768,556	14.73
1899-----	309,611	23.7	7,337,781	.57	4,182,535	13.51
1900-----	318,899	22.6	7,207,117	.59	4,252,199	13.33
1901-----	312,521	24.1	7,531,756	.67	5,046,277	16.15
1902-----	293,770	18.0	5,287,800	.75	3,965,895	13.50
1903-----	279,082	26.6	7,423,581	.66	4,899,563	17.56
1904-----	259,546	22.8	5,917,649	.91	5,385,061	20.75
1905-----	254,355	25.0	6,358,875	.70	4,451,212	17.50
1906-----	254,555	32.5	8,266,538	.65	5,373,250	21.12
1907-----	293,000	29.0	8,497,000	.78	6,628,000	22.62
1908-----	293,000	21.0	6,153,000	.88	5,415,000	18.48
1909-----	341,000	21.2	7,224,000	.93	6,718,000	19.70
1910-----	403,000	22.3	8,994,000	.82	7,376,000	18.30
1911-----	438,000	18.9	8,274,000	.84	6,950,000	15.87
1912-----	453,000	24.2	10,968,000	.73	8,006,000	17.67
1913-----	460,000	21.0	9,680,000	.78	7,551,000	16.42
1914-----	475,000	23.8	11,312,000	.87	9,842,000	20.72
1915-----	570,000	24.2	13,770,000	.80	11,016,000	19.32
1916-----	600,000	19.8	11,885,000	1.50	17,828,000	29.70
1917-----	600,000	22.6	13,536,000	1.93	26,124,000	43.55
1918-----	1,250,000	12.3	15,400,000	1.95	30,030,000	24.02
1919-----	1,329,000	13.7	18,196,000	2.02	36,755,000	27.66
1920-----	1,405,000	18.0	25,273,000	1.35	34,118,000	24.28
1921-----	1,719,000	13.5	23,239,000	.76	17,662,000	10.27
1922-----	1,620,000	13.4	21,776,000	.89	19,380,000	11.96
1923-----	1,407,000	13.0	18,272,000	.83	15,166,000	10.78
1924-----	1,360,000	14.4	19,520,000	1.18	23,033,000	16.94
1925-----	1,268,000	11.8	14,983,000	1.36	20,345,000	16.04
1926-----	1,364,000	13.5	18,427,000	1.07	19,728,000	14.47
1927-----	1,419,000	14.2	20,112,000	1.03	20,818,000	14.67
1928-----	1,339,000	13.9	18,564,000	.85	15,815,000	11.81
1929-----	1,397,000	12.9	18,012,000	.93	16,691,000	11.95
1930-----	1,459,000	14.9	21,730,000	.53	11,595,000	7.95

1930 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF CORN IN COLORADO, 1880-1930

YEAR	Acres	Yield per Acre, Bushels	Production, Bushels	Price per Bushel	Value	Value per Acre
1880-----	13,795	18.5	255,207	\$.77	\$ 196,500	\$14.24
1881-----	13,800	25.5	352,000	1.05	369,600	26.78
1882-----	21,076	20.0	422,400	.90	380,160	18.03
1883-----	21,287	25.0	532,100	.85	452,285	21.24
1884-----	25,300	28.1	710,000	.65	461,500	18.24
1885-----	27,830	34.5	959,000	.68	652,120	23.43
1886-----	29,778	31.5	938,000	.50	469,000	15.75
1887-----	31,267	30.0	938,000	.63	590,940	18.90
1888-----	34,394	22.6	777,000	.57	442,890	12.87
1889-----	42,993	25.4	1,092,000	.58	633,373	14.73
1890-----	42,133	18.2	767,000	.63	483,097	11.47
1891-----	43,397	21.5	933,000	.53	494,509	11.39
1892-----	124,350	22.3	2,773,000	.40	1,109,202	8.92
1893-----	123,107	16.5	2,031,266	.51	1,035,946	8.41
1894-----	125,569	19.7	2,473,709	.61	1,508,962	12.01
1895-----	178,308	20.7	3,690,976	.41	1,513,300	8.48
1896-----	178,308	16.0	2,852,928	.36	1,027,054	5.76
1897-----	176,525	19.0	3,353,975	.38	1,274,510	7.22
1898-----	172,994	18.0	3,113,892	.40	1,245,557	7.20
1899-----	171,264	17.0	2,911,488	.43	1,251,940	7.31
1900-----	167,839	19.0	3,188,941	.48	1,530,692	9.12
1901-----	107,127	17.1	1,831,872	.74	1,355,585	12.65
1902-----	115,697	16.5	1,909,000	.59	1,126,310	9.73
1903-----	112,226	19.8	2,222,075	.54	1,199,920	10.69
1904-----	117,837	20.5	2,415,658	.54	1,304,455	11.07
1905-----	116,659	23.8	2,776,484	.47	1,304,947	11.18
1906-----	113,159	27.9	3,157,136	.50	1,578,568	13.95
1907-----	111,000	23.5	2,608,000	.65	1,595,000	15.27
1908-----	128,000	20.2	2,586,000	.71	1,836,000	14.34
1909-----	327,000	15.0	4,903,000	.70	3,432,000	10.49
1910-----	346,000	19.9	6,885,000	.60	4,131,000	11.94
1911-----	373,000	14.0	5,222,000	.78	4,073,000	10.92
1912-----	420,000	20.8	8,736,000	.50	4,368,000	10.40
1913-----	420,000	15.0	6,300,000	.73	4,599,000	10.95
1914-----	462,000	23.0	10,626,000	.60	6,376,000	13.80
1915-----	470,000	24.0	11,280,000	.55	6,204,000	13.20
1916-----	475,000	15.5	7,362,000	.90	6,626,000	13.95
1917-----	532,000	20.0	10,640,000	1.25	13,300,000	25.00
1918-----	610,000	17.5	10,675,000	1.35	14,411,000	23.62
1919-----	1,021,000	15.0	15,315,000	1.42	21,747,000	21.30
1920-----	1,182,000	20.5	24,231,000	.70	16,962,000	14.35
1921-----	1,102,000	14.5	15,979,000	.31	4,953,000	4.49
1922-----	1,145,000	16.0	18,320,000	.66	12,091,000	10.56
1923-----	1,505,000	25.0	37,625,000	.65	24,456,000	16.25
1924-----	1,450,000	10.0	14,500,000	.88	12,760,000	8.80
1925-----	1,410,000	15.0	21,150,000	.70	14,805,000	10.50
1926-----	1,396,000	7.0	9,772,000	.71	6,938,000	4.97
1927-----	1,284,000	15.5	19,902,000	.68	13,533,000	10.54
1928-----	1,438,000	13.0	18,694,000	.68	12,712,000	8.84
1929-----	1,366,000	17.0	23,222,000	.75	17,416,000	12.75
1930-----	1,516,000	24.5	37,142,000	.62	23,028,000	15.19

1930 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF OATS FOR GRAIN IN COLORADO, 1880-1930

YEAR	Acres	Yield per Acre, Bushels	Production, Bushels	Price per Bushel	Value	Value per Acre
1880-----	24,000	27.0	648,000	\$.65	\$ 421,200	\$17.55
1881-----	28,100	27.4	771,000	.81	624,510	22.22
1882-----	27,500	28.4	780,000	.65	507,000	18.44
1883-----	41,250	29.3	1,209,000	.60	725,400	17.58
1884-----	43,312	35.0	1,516,000	.40	606,400	14.00
1885-----	45,478	37.3	1,698,000	.46	781,080	17.17
1886-----	48,207	33.0	1,591,000	.42	668,220	13.86
1887-----	50,617	31.0	1,569,000	.45	706,050	13.95
1888-----	60,740	27.4	1,664,000	.42	698,880	11.50
1889-----	97,791	32.0	3,129,000	.40	1,251,725	12.80
1890-----	100,725	24.8	2,498,000	.50	1,248,990	12.40
1891-----	109,790	32.6	3,579,000	.38	1,360,079	12.39
1892-----	98,811	28.7	2,836,000	.34	964,198	9.76
1893-----	104,740	26.7	2,796,558	.37	1,034,726	9.88
1894-----	93,219	13.5	1,258,457	.46	578,890	6.21
1895-----	98,812	34.3	3,389,252	.28	948,991	9.61
1896-----	92,883	28.0	2,600,724	.30	780,217	8.40
1897-----	87,370	34.0	2,968,540	.32	949,933	10.88
1898-----	85,564	35.8	3,063,191	.41	1,255,908	14.67
1899-----	90,698	27.0	2,448,846	.42	1,028,515	11.34
1900-----	99,768	32.8	3,272,390	.43	1,407,128	14.10
1901-----	135,224	33.8	4,570,571	.50	2,285,286	16.90
1902-----	136,576	26.8	3,660,237	.51	1,866,721	13.68
1903-----	137,942	33.3	4,593,469	.41	1,883,322	13.65
1904-----	136,563	35.4	4,834,330	.46	2,223,792	16.36
1905-----	137,929	35.0	4,827,515	.41	1,979,281	14.36
1906-----	147,584	40.4	5,962,394	.45	2,683,077	18.18
1907-----	155,000	38.0	5,890,000	.50	2,945,000	19.00
1908-----	178,000	39.5	7,031,000	.54	3,797,000	21.33
1909-----	276,000	27.7	7,643,000	.53	4,051,000	14.68
1910-----	284,000	39.1	11,104,000	.46	5,108,000	17.99
1911-----	290,000	35.0	10,150,000	.43	4,872,000	16.80
1912-----	290,000	42.8	12,412,000	.38	4,717,000	16.26
1913-----	305,000	35.0	10,675,000	.44	4,697,000	15.40
1914-----	325,000	40.0	13,000,000	.45	5,850,000	18.00
1915-----	300,000	39.0	11,700,000	.41	4,797,000	15.99
1916-----	290,000	33.0	9,570,000	.60	5,742,000	19.80
1917-----	293,000	38.0	11,134,000	.76	8,462,000	28.89
1918-----	251,000	30.0	7,530,000	.80	6,024,000	24.00
1919-----	174,000	26.2	4,559,000	.90	4,103,000	23.58
1920-----	204,000	31.5	6,426,000	.60	3,856,000	18.90
1921-----	217,000	31.0	6,727,000	.33	2,220,000	10.23
1922-----	185,000	25.0	4,625,000	.45	2,081,000	11.25
1923-----	226,000	32.0	7,232,000	.46	3,327,000	14.72
1924-----	232,000	25.0	5,800,000	.58	3,364,000	14.50
1925-----	214,000	27.0	5,778,000	.50	2,889,000	12.50
1926-----	195,000	24.0	4,680,000	.44	2,059,000	10.56
1927-----	189,000	29.0	5,481,000	.48	2,631,000	13.92
1928-----	193,000	31.0	5,983,000	.45	2,692,000	13.95
1929-----	212,000	31.0	6,572,000	.48	3,155,000	14.88
1930-----	212,000	33.5	7,102,000	.36	2,557,000	12.06

1930 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF BARLEY IN COLORADO, 1880-1930

YEAR	Acres	Yield per Acre, Bushels	Production, Bushels	Price per Bushel	Value	Value per Acre
1880-----	4,700	19.0	89,300	\$.90	\$ 80,370	\$17.10
1881-----	4,900	18.0	88,000	1.15	101,200	20.65
1882-----	4,851	19.0	92,400	.92	85,000	17.52
1883-----	6,064	25.9	157,080	.75	117,810	19.43
1884-----	6,367	29.5	188,000	.57	107,160	16.83
1885-----	6,494	24.0	156,000	.60	93,510	14.39
1886-----	6,876	28.1	193,000	.62	119,660	17.40
1887-----	6,876	25.6	176,000	.62	109,120	15.87
1888-----	12,377	25.8	319,000	.70	223,530	18.06
1889-----	12,086	27.4	331,560	.63	208,880	17.23
1890-----	12,086	24.5	296,110	.76	225,040	18.61
1891-----	12,328	26.5	326,700	.56	182,950	14.84
1892-----	12,944	24.0	310,660	.54	167,750	12.95
1893-----	12,944	28.3	366,320	.50	183,160	14.15
1894-----	12,426	27.9	345,440	.58	200,360	16.13
1895-----	14,290	31.3	447,280	.60	268,360	18.77
1896-----	12,861	20.0	257,220	.46	118,320	9.20
1897-----	12,089	28.0	338,490	.51	172,630	14.28
1898-----	11,005	32.1	353,950	.46	162,820	14.80
1899-----	12,070	28.0	337,930	.55	185,860	15.40
1900-----	12,672	24.8	314,270	.50	157,130	12.40
1901-----	20,811	28.7	597,280	.63	376,280	18.08
1902-----	21,020	26.3	552,800	.60	331,680	15.78
1903-----	18,920	38.3	724,520	.61	441,960	23.36
1904-----	19,295	37.1	715,840	.57	408,030	21.15
1905-----	18,910	33.0	624,000	.53	330,720	15.37
1906-----	18,531	41.0	759,770	.54	410,270	22.14
1907-----	25,000	40.0	1,000,000	.60	600,000	24.00
1908-----	24,600	33.0	792,000	.65	515,000	21.46
1909-----	71,000	26.5	1,889,000	.66	1,247,000	17.56
1910-----	75,000	32.0	2,400,000	.60	1,440,000	19.20
1911-----	74,000	29.0	2,146,000	.69	1,481,000	20.02
1912-----	76,000	39.0	2,964,000	.50	1,482,000	19.50
1913-----	100,000	32.5	3,250,000	.56	1,820,000	18.20
1914-----	103,000	38.5	3,966,000	.55	2,181,000	21.17
1915-----	120,000	36.0	4,320,000	.48	2,074,000	17.28
1916-----	160,000	32.0	5,120,000	.82	4,198,000	26.24
1917-----	168,000	33.0	5,544,000	1.04	5,766,000	34.32
1918-----	206,000	18.0	3,708,000	1.13	4,190,000	20.34
1919-----	153,000	19.0	2,907,000	1.20	3,488,000	22.80
1920-----	216,000	24.5	5,292,000	.75	3,969,000	18.37
1921-----	202,000	22.0	4,444,000	.37	1,644,000	8.14
1922-----	186,000	19.0	3,534,000	.59	2,085,000	11.21
1923-----	300,000	29.0	8,700,000	.54	4,698,000	15.66
1924-----	327,000	20.0	6,540,000	.72	4,709,000	14.40
1925-----	410,000	21.0	8,610,000	.58	4,994,000	12.18
1926-----	380,000	16.0	6,080,000	.55	3,344,000	8.80
1927-----	410,000	22.0	9,020,000	.56	5,051,000	12.32
1928-----	547,000	24.0	13,128,000	.54	7,089,000	12.96
1929-----	651,000	21.0	13,671,000	.54	7,382,000	11.34
1930-----	612,000	25.5	15,606,000	.40	6,242,000	10.20

1930 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF RYE IN COLORADO, 1880-1930

YEAR	Acres	Yield per Acre, Bushels	Production, Bushels	Price per Bushel	Value	Value per Acre
1880-----	1,500	17.0	25,500	\$.67	\$ 17,085	\$11.39
1881-----	1,400	20.0	28,000	.97	27,160	19.40
1882-----	1,592	17.7	28,224	.90	25,405	15.96
1883-----	1,783	17.4	31,046	.80	24,837	13.93
1884-----	1,872	17.6	33,000	.60	19,800	10.58
1885-----	1,966	17.8	35,000	.63	23,710	12.06
1886-----	1,909	22.0	42,000	.72	30,240	15.84
1887-----	1,966	14.2	28,000	.78	21,840	11.11
1888-----	2,379	12.2	29,000	.66	19,127	8.04
1889-----	4,615	11.7	54,158	.57	30,870	6.69
1890-----	4,707	14.5	68,252	.65	44,364	9.42
1891-----	4,942	20.6	101,805	.62	63,119	12.77
1892-----	5,683	14.6	82,972	.52	43,145	7.59
1893-----	5,683	21.0	119,343	.50	59,672	10.50
1894-----	4,035	15.6	62,946	.66	41,544	10.29
1895-----	3,389	14.5	49,141	.48	23,588	6.96
1896-----	2,779	23.5	65,306	.62	40,490	14.56
1897-----	2,612	15.0	39,180	.52	20,374	7.80
1898-----	2,638	18.0	47,484	.50	23,742	9.00
1899-----	2,374	14.0	33,236	.48	15,953	6.72
1900-----	2,350	16.8	39,480	.54	21,319	9.07
1901-----	2,659	16.1	42,810	.62	26,542	9.98
1902-----	2,872	15.9	45,665	.56	25,572	8.90
1903-----	2,843	18.3	52,027	.61	31,736	11.16
1904-----	2,786	19.1	53,213	.65	34,588	12.41
1905-----	2,368	19.0	44,992	.56	25,196	10.64
1906-----	2,179	20.0	43,580	.56	24,405	11.20
1907-----	2,300	20.5	47,000	.62	29,000	12.61
1908-----	3,000	15.5	46,000	.70	32,000	10.67
1909-----	16,000	12.6	198,000	.73	145,000	9.06
1910-----	20,000	14.0	280,000	.67	188,000	9.40
1911-----	21,000	12.0	252,000	.70	176,000	8.38
1912-----	25,000	19.5	488,000	.55	268,000	10.72
1913-----	20,000	17.0	340,000	.60	204,000	10.20
1914-----	21,000	17.5	368,000	.65	239,000	11.38
1915-----	30,000	17.5	525,000	.70	368,000	12.27
1916-----	28,000	14.0	392,000	1.05	412,000	14.71
1917-----	27,000	16.0	432,000	1.46	631,000	23.37
1918-----	149,000	7.0	1,048,000	1.40	1,460,000	9.80
1919-----	124,000	8.8	1,088,000	1.30	1,414,000	11.40
1920-----	100,000	11.8	1,180,000	1.05	1,239,000	12.39
1921-----	92,000	11.5	1,058,000	.60	635,000	6.89
1922-----	97,000	9.0	873,000	.66	576,000	5.94
1923-----	77,000	12.0	924,000	.56	517,000	6.71
1924-----	80,000	9.0	720,000	.85	612,000	7.65
1925-----	85,000	10.0	850,000	.67	570,000	6.70
1926-----	85,000	11.5	977,000	.71	694,000	8.17
1927-----	76,000	10.5	798,000	.70	559,000	7.34
1928-----	74,000	11.0	814,000	.70	570,000	7.70
1929-----	81,000	11.0	891,000	.71	633,000	7.81
1930-----	93,000	11.5	1,070,000	.37	396,000	4.26

1930 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF POTATOES IN COLORADO, 1880-1930

YEAR	Acres	Yield per Acre, Bushels	Produc- tion, Bushels	Price per Bushel	Value	Value per Acre
1880-----	1,640	46.0	75,440	\$1.10	\$ 82,984	\$ 50.60
1881-----	5,357	80.0	428,560	1.30	557,128	104.00
1882-----	5,730	76.3	437,000	.72	314,640	54.91
1883-----	5,959	85.0	506,515	.65	329,235	55.25
1884-----	7,151	90.0	644,000	.60	386,400	54.03
1885-----	7,860	95.0	747,000	.61	455,487	57.95
1886-----	8,096	78.0	631,000	.57	359,670	44.42
1887-----	8,258	105.0	867,000	.56	485,520	58.79
1888-----	28,903	94.0	2,717,000	.45	1,222,600	42.30
1889-----	31,588	70.0	2,211,160	.50	1,105,580	34.99
1890-----	33,483	73.0	2,444,250	.75	1,833,200	54.73
1891-----	35,827	115.0	4,120,100	.28	1,153,630	32.22
1892-----	34,036	99.0	3,369,560	.61	2,055,430	60.39
1893-----	33,096	94.0	3,167,424	.54	1,710,410	51.68
1894-----	34,033	85.0	2,892,800	.55	1,591,040	46.75
1895-----	36,756	95.0	3,491,500	.33	1,152,300	31.35
1896-----	32,345	88.0	2,846,360	.47	1,337,790	41.36
1897-----	32,022	97.0	3,106,130	.56	1,739,440	54.32
1898-----	33,303	77.0	2,564,330	.54	1,334,740	41.53
1899-----	32,304	84.0	2,713,540	.55	1,492,450	46.20
1900-----	33,273	56.0	1,863,290	.82	1,527,900	45.92
1901-----	43,923	120.0	5,270,760	.90	4,743,680	107.99
1902-----	47,437	100.0	4,743,700	.51	2,419,290	51.00
1903-----	50,758	145.0	7,359,910	.60	4,415,950	87.00
1904-----	54,311	159.0	8,635,440	.37	3,195,120	58.81
1905-----	51,052	160.0	8,168,320	.57	4,655,940	91.19
1906-----	46,968	125.0	5,871,000	.45	2,641,950	56.25
1907-----	47,000	150.0	7,050,000	.66	4,653,000	99.00
1908-----	56,000	125.0	7,000,000	.60	4,200,000	75.00
1909-----	86,000	137.0	11,781,000	.57	6,715,000	78.08
1910-----	86,000	100.0	8,600,000	.55	4,730,000	55.00
1911-----	90,000	35.0	3,150,000	.99	3,118,000	34.64
1912-----	85,000	95.0	8,075,000	.41	3,311,000	38.95
1913-----	80,000	115.0	9,200,000	.65	5,980,000	74.75
1914-----	50,000	120.0	6,000,000	.50	3,000,000	60.00
1915-----	53,000	135.0	7,155,000	.55	3,935,000	74.25
1916-----	50,000	138.0	6,900,000	1.35	9,315,000	186.30
1917-----	80,000	160.0	12,800,000	.91	11,648,000	145.60
1918-----	99,000	160.0	15,840,000	.99	15,682,000	158.40
1919-----	77,000	115.0	8,855,000	1.70	15,054,000	195.51
1920-----	73,000	130.0	9,490,000	.80	7,592,000	104.00
1921-----	113,000	132.0	14,916,000	.73	10,889,000	96.36
1922-----	142,000	130.0	18,460,000	.37	6,830,000	48.09
1923-----	110,000	123.0	13,530,000	.53	7,171,000	65.19
1924-----	71,000	145.0	10,295,000	.60	6,177,000	87.00
1925-----	62,000	195.0	12,090,000	1.55	18,740,000	302.26
1926-----	82,000	145.0	11,890,000	1.30	15,457,000	188.50
1927-----	96,000	150.0	14,400,000	.55	7,920,000	82.50
1928-----	110,000	122.0	13,420,000	.45	6,039,000	54.90
1929-----	88,000	140.0	12,320,000	1.10	13,552,000	154.00
1930-----	86,000	175.0	15,050,000	.60	9,030,000	105.00

1930 figures preliminary.

SUGAR BEET PRODUCTION IN COLORADO, 1905 TO 1930, INCLUSIVE

Year	Acres Harvested	Average Yield, Tons	Production Tons	Farm Price	Value*	Value* per Acre	Average Sugar Content	Tons Sugar Mfr d.	No. of Factories Operating†
1905	86,000	10.19	875,154	\$ ----	\$ -----	\$ ----	14.71	91,608	12
1906	111,000	13.41	1,487,383	----	-----	----	14.70	167,193	15
1907	128,000	11.93	1,523,300	----	-----	----	15.30	169,287	16
1908	119,500	9.28	1,109,000	----	-----	----	13.85	122,280	15
1909	121,700	10.33	1,256,700	----	-----	----	14.24	149,405	16
1910	81,400	10.62	864,500	----	-----	----	15.19	103,092	16
1911	86,400	11.07	957,100	5.55	5,312,000	61.46	15.44	124,800	14
1912	145,000	11.82	1,642,000	5.96	9,785,000	67.49	16.19	216,010	17
1913	168,400	10.93	1,840,700	5.67	10,437,000	61.97	14.92	229,274	14
1914	135,400	12.60	1,706,300	5.68	9,692,000	71.58	15.35	220,799	13
1915	171,200	11.03	1,886,900	5.88	11,106,000	64.87	16.53	273,780	14
1916	189,000	10.70	2,018,300	6.06	12,231,000	64.86	15.00	252,147	14
1917	161,000	11.50	1,857,700	7.28	13,526,000	83.75	15.40	234,303	15
1918	126,000	11.47	1,444,000	10.02	14,474,000	114.83	16.10	192,000	14
1919	183,000	9.66	1,765,000	10.85	19,143,000	104.65	13.62	194,000	15
1920	220,000	10.58	2,325,000	11.88	27,627,000	125.25	15.81	294,000	17
1921	200,000	11.39	2,279,000	6.37	14,521,000	72.61	15.66	295,000	15
1922	148,000	9.98	1,466,000	7.79	11,426,000	77.16	14.66	183,000	15
1923	164,000	12.15	1,996,000	8.16	16,276,000	99.19	14.59	240,000	16
1924	225,000	11.32	2,546,000	7.59	19,329,000	85.89	16.65	364,000	16
1925	130,000	12.60	1,540,000	5.98	9,815,000	75.50	14.25	211,000	16
1926	211,000	13.80	2,912,000	7.92	23,050,000	109.24	15.05	377,000	17
1927	218,000	12.70	2,774,000	7.84	21,758,000	99.81	15.25	373,000	18
1928	179,000	13.40	2,394,000	6.97	16,687,000	93.22	16.51	384,261	18
1929	210,000	12.40	2,612,000	6.93	18,106,000	86.22	14.51	348,000	18
1930	242,000	13.70	3,312,000	6.94	22,895,000	94.22	14.07	391,000	18

NOTE—Compiled from reports of the United States Department of Agriculture and the Colorado Co-Operative Crop Reporting Service. Data on prices and farm value prior to 1911 not available.

*Exclusive of beet tops, which have a high feed value. †Including barium by-products plant at Johnston.

1930 figures preliminary.

**COLORADO'S POSITION IN SUGAR BEET PRODUCTION OF THE UNITED STATES,
1911-1929, INCLUSIVE**

	Acres Harvest- ed	% of U. S. Total	Av. Yield, Tons	Tons Beets Harvested	% of U. S. Total	Total Farm Value ³	% of U. S. Total	Av. Value per Acre ³
Colorado	3,280,000	26.5	11.64	38,173,000	30.5	\$284,725,000	30.0	\$86.81
Michigan	2,117,000	17.1	8.02	16,986,000	13.6	128,775,000	13.6	60.83
California	1,798,000	14.5	9.13	16,422,000	13.2	134,667,000	14.2	74.90
Utah	1,269,000	10.2	11.38	14,442,000	11.6	108,272,000	11.4	85.32
Nebraska	918,000	7.4	11.54	10,595,000	8.5	83,076,000	8.7	90.50
Idaho	617,000	5.0	9.77	6,028,000	4.8	45,035,000	4.7	72.99
Ohio ¹	538,000	4.3	8.86	4,767,000	3.8	38,100,000	4.0	70.82
Montana and Wyoming ¹ ..	464,000	3.7	10.76	4,991,000	4.0	37,870,000	4.0	81.62
Wisconsin	198,000	1.6	8.80	1,742,000	1.4	14,026,000	1.5	70.84
Other States ² ...	1,205,000	9.7	8.91	10,734,000	8.6	74,667,000	7.9	61.96
United States...	12,404,000	100.0	10.07	124,880,000	100.0	\$949,213,000	100.0	\$76.52

**COLORADO'S POSITION IN PRODUCTION AND MANUFACTURE OF BEET SUGAR
IN THE UNITED STATES, 1911-1929, INCLUSIVE**

	No. Fac- tories ⁴	Av. Lbs. Sugar Per Acre	Tons Sugar Manufact'd	% of U. S. Total	Lbs. Sugar Per Ton of Beets	Farm Recept. in Cts. Per Lb. of Sugar
Colorado	17	3,057.3	5,014,000	30.5	262.7	2.84
Michigan	10	1,962.2	2,077,000	12.6	244.6	3.10
California	5	2,927.7	2,632,000	16.0	320.5	2.56
Utah	8	2,852.4	1,810,000	11.0	250.7	2.99
Nebraska	7	2,886.7	1,325,000	8.1	250.1	3.13
Idaho	7	2,823.3	871,000	5.3	289.0	2.59
Ohio ¹	4	1,929.4	519,000	3.2	217.7	3.67
Montana and Wyoming ¹ ..	9	2,887.8	670,000	4.1	269.5	2.83
Wisconsin	3	2,000.0	198,000	1.2	227.3	3.54
Other States ²	8	2,182.6	1,315,000	8.0	245.0	2.84
United States.....	78	2,649.3	16,431,000	100.0	263.1	2.89

¹Ohio first appeared in sugar beet statistics in 1913, and Montana and Wyoming in 1922. Data for these states continue from those years.

²Includes Iowa, Minnesota, Kansas, Indiana, South Dakota and Washington.

³Value is exclusive of beet tops, which have a high feed value.

⁴Numbers include factories operating in the season of 1930-1931; output of the Johnstown, Colo., molasses refinery not included.

Note.—Figures begin with 1911 because data as to price and value are not available for years prior to that time. All figures have been rounded to even thousands. All available data for Colorado in years prior to 1911 will be found in the state table on Page 113.

ACREAGE, PRODUCTION AND VALUE OF TAME HAY IN COLORADO, 1880-1930

YEAR	Acres	Yield per Acre, Tons	Produc- tion, Tons	Price per Ton	Value	Value per Acre
1880-----	44,119	.94	41,472	\$25.62	\$ 1,062,513	\$24.08
1881-----	71,594	1.20	85,913	20.00	1,718,260	24.00
1882-----	73,026	1.24	90,209	13.75	1,240,374	16.99
1883-----	81,780	1.40	114,505	13.50	1,545,818	18.90
1884-----	73,000	1.30	94,900	12.00	1,138,800	15.60
1885-----	87,000	1.00	87,000	9.96	867,240	9.96
1886-----	115,000	1.00	115,000	9.80	1,127,000	9.80
1887-----	149,500	1.20	179,400	10.75	1,928,550	12.90
1888-----	246,675	1.50	370,013	11.40	4,218,148	17.10
1889-----	431,621	1.43	714,555	9.10	6,502,450	13.51
1890-----	530,684	1.37	727,037	9.00	6,543,333	12.23
1891-----	636,821	1.88	1,197,223	8.00	9,577,784	15.04
1892-----	764,185	2.00	1,528,370	6.50	9,934,405	13.00
1893-----	794,752	1.19	945,755	6.98	6,601,370	8.30
1894-----	786,804	2.27	1,786,045	7.54	13,466,779	17.11
1895-----	810,408	2.42	1,961,187	5.87	11,512,168	14.20
1896-----	761,784	2.20	1,675,925	6.22	10,424,254	13.68
1897-----	784,638	2.25	1,765,436	5.50	9,709,808	12.39
1898-----	800,331	2.20	1,760,728	5.40	9,507,931	11.88
1899-----	776,321	2.10	1,630,274	7.35	11,982,514	15.43
1900-----	799,611	2.23	1,783,133	7.60	13,551,811	16.96
1901-----	617,233	2.08	1,283,845	9.04	11,605,959	18.80
1902-----	592,544	1.92	1,137,684	9.89	11,251,695	18.99
1903-----	622,171	2.56	1,592,758	7.48	11,913,830	19.15
1904-----	671,945	1.85	1,243,098	6.71	8,341,188	12.41
1905-----	665,226	2.65	1,762,849	8.20	14,455,362	21.74
1906-----	638,617	2.50	1,596,542	9.50	15,167,149	23.75
1907-----	677,000	2.70	1,828,000	9.50	17,366,000	25.65
1908-----	670,000	2.50	1,675,000	8.75	14,656,000	21.87
1909-----	785,000	2.13	1,674,000	10.00	16,740,000	21.32
1910-----	781,000	2.00	1,562,000	10.80	16,870,000	21.60
1911-----	785,000	2.00	1,570,000	9.30	14,601,000	18.60
1912-----	870,000	2.19	1,905,000	8.70	16,574,000	19.05
1913-----	890,000	2.05	1,824,000	10.00	18,240,000	20.49
1914-----	970,000	2.40	2,328,000	7.40	17,227,000	17.76
1915-----	970,000	2.20	2,134,000	7.60	16,218,000	16.72
1916-----	970,000	2.05	1,988,000	11.00	21,868,000	22.54
1917-----	970,000	2.45	2,376,000	16.60	39,442,000	40.66
1918-----	1,030,000	2.22	2,287,000	15.50	35,448,000	34.41
1919-----	1,227,000	2.06	2,527,000	18.50	46,750,000	38.10
1920-----	1,256,000	2.40	3,019,000	12.00	36,228,000	28.84
1921-----	1,195,000	2.15	2,576,000	6.90	17,774,000	14.87
1922-----	1,191,000	1.91	2,273,000	11.20	25,458,000	21.38
1923-----	1,203,000	2.05	2,463,000	11.30	27,832,000	23.13
1924-----	1,262,000	2.11	2,661,000	11.00	29,271,000	23.18
1925-----	1,253,000	2.15	2,694,000	12.00	32,328,000	25.80
1926-----	1,210,000	2.31	2,795,000	8.60	24,037,000	19.86
1927-----	1,225,000	2.17	2,658,000	9.20	24,454,000	19.96
1928-----	1,183,000	2.08	2,467,000	11.70	28,864,000	24.40
1929-----	1,203,000	2.23	2,677,000	11.50	30,786,000	25.59
1930-----	1,244,000	2.14	2,659,000	9.20	24,463,000	19.66

1930 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF WILD HAY IN COLORADO, 1909-1930

Year	Acres	Yield per Acre, Tons	Produc- tion, Tons	Price per Ton	Value	Value per Acre
1909-----	395,000	0.93	368,000	\$ ----	\$ -----	\$ ----
1910-----	395,000	0.90	356,000	-----	-----	-----
1911-----	395,000	0.90	356,000	-----	-----	-----
1912-----	466,000	1.10	513,000	-----	-----	-----
1913-----	419,000	0.95	398,000	-----	-----	-----
1914-----	444,000	1.20	533,000	8.80	4,690,000	10.56
1915-----	460,000	1.12	515,000	7.96	4,068,000	8.84
1916-----	460,000	0.92	423,000	11.40	4,822,000	10.48
1917-----	451,000	1.02	460,000	17.50	8,050,000	17.85
1918-----	400,000	0.94	376,000	17.50	6,580,000	16.45
1919-----	411,000	0.89	366,000	18.40	6,734,000	16.38
1920-----	419,000	1.05	440,000	14.00	6,160,000	14.70
1921-----	407,000	1.00	407,000	6.00	2,442,000	6.00
1922-----	366,000	0.97	355,000	9.00	3,195,000	8.73
1923-----	373,000	1.05	392,000	10.50	4,116,000	11.03
1924-----	360,000	1.00	360,000	9.70	3,492,000	9.70
1925-----	360,000	1.00	360,000	10.80	3,888,000	10.80
1926-----	360,000	1.00	360,000	8.00	2,880,000	8.00
1927-----	396,000	1.00	396,000	8.40	3,326,000	8.40
1928-----	376,000	0.90	338,000	10.30	3,481,000	9.26
1929-----	387,000	1.10	426,000	10.30	4,388,000	11.34
1930-----	391,000	1.10	430,000	8.80	3,784,000	9.68

Note—Data concerning price and value not available for earlier years.

ACREAGE, PRODUCTION AND VALUE OF DRY BEANS IN COLORADO, 1914-1930

Year	Acres	Yield per Acre, Bus.	Produc- tion, Bus.	Price per Bu.	Value	Value per Acre
1914-----	20,000	15.0	300,000	\$2.00	\$ 600,000	\$30.00
1915-----	21,000	16.2	340,000	2.28	775,000	36.90
1916-----	38,000	11.2	424,000	4.20	1,781,000	46.87
1917-----	250,000	7.8	1,950,000	4.80	9,360,000	37.44
1918-----	252,000	6.5	1,638,000	4.40	7,207,000	28.60
1919-----	66,000	6.5	429,000	3.50	1,502,000	22.76
1920-----	52,000	8.0	416,000	3.15	1,310,000	25.19
1921-----	39,000	8.0	312,000	2.70	842,000	21.58
1922-----	81,000	5.0	405,000	4.40	1,782,000	22.00
1923-----	170,000	8.0	1,360,000	3.70	5,032,000	29.60
1924-----	280,000	3.4	952,000	3.10	2,951,000	10.54
1925-----	320,000	7.0	2,240,000	2.40	5,376,000	16.80
1926-----	378,000	3.6	1,361,000	2.80	3,811,000	10.08
1927-----	281,000	5.5	1,546,000	2.70	4,174,000	14.85
1928-----	309,000	4.5	1,390,000	3.40	4,726,000	15.29
1929-----	350,000	6.7	2,345,000	2.70	6,332,000	18.09
1930-----	385,000	10.2	3,927,000	1.35	5,301,000	13.77

Note—The decline in average yield and value per acre is due almost wholly to the large acreage of non-irrigated land which has been devoted to this crop in recent years. Nearly 85 per cent of crop is now produced without irrigation.

All 1930 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF BROOM CORN IN COLORADO, 1915-1930

Year	Acres	Yield per Acre, Pounds	Production, Tons	Price per Ton	Value	Value per Acre
1915-----	18,000	500	4,550	\$ 75.00	\$ 341,000	\$18.74
1916-----	25,000	224	2,835	156.00	442,000	17.64
1917-----	30,000	310	4,600	282.00	1,297,000	43.23
1918-----	30,000	350	5,200	175.00	910,000	30.33
1919-----	11,000	350	1,900	100.00	190,000	17.27
1920-----	7,000	370	1,300	70.00	91,000	13.00
1921-----	9,000	400	1,800	45.00	81,000	9.00
1922-----	10,000	350	1,800	195.00	351,000	35.10
1923-----	48,000	365	8,760	145.00	1,270,000	26.47
1924-----	19,000	261	2,480	60.00	148,800	7.83
1925-----	15,000	250	1,875	140.00	263,000	17.53
1926-----	30,000	225	3,375	83.00	280,000	9.33
1927-----	28,000	315	4,400	120.00	528,000	18.86
1928-----	52,000	360	9,400	85.00	799,000	15.37
1929-----	60,000	336	10,100	112.00	1,131,000	18.85
1930-----	69,000	275	9,500	51.00	484,000	7.01

ACREAGE, PRODUCTION AND VALUE OF DRY ONIONS IN COLORADO, 1918-1930

Year	Acres	Yield per Acre, Bus.	Production, Bus.	Price per Bu.	Value	Value per Acre
1918-----	700	244	171,000	\$1.00	\$ 171,000	\$244.30
1919-----	830	250	208,000	1.62	337,000	406.02
1920-----	760	340	258,000	.72	186,000	244.73
1921-----	1,300	300	390,000	1.53	597,000	460.00
1922-----	1,900	280	532,000	.52	277,000	145.79
1923-----	2,620	250	655,000	1.08	707,000	269.85
1924-----	3,410	270	921,000	.58	534,000	156.60
1925-----	3,520	325	1,144,000	.78	892,000	253.41
1926-----	3,700	275	1,018,000	.50	509,000	135.57
1927-----	4,300	320	1,376,000	.45	474,000	110.23
1928-----	3,760	330	1,241,000	1.42	1,762,000	468.62
1929-----	7,000	369	2,583,000	.45	1,097,000	156.71
1930-----	5,600	308	1,725,000	.32	552,000	98.57

ACREAGE, PRODUCTION AND VALUE OF WATERMELONS IN COLORADO, 1918-1930

Year	Acres	Yield per Acre, Number	Production, Carloads	Price per Car	Value	Value per Acre
1918-----	375	360	135	\$150	\$ 20,000	\$53.33
1919-----	408	375	153	175	27,000	66.17
1920-----	830	315	261	150	39,000	47.00
1921-----	780	375	292	200	58,000	74.36
1922-----	660	350	231	180	42,000	63.63
1923-----	400	135	140	167	23,000	57.50
1924-----	380	300	114	128	15,000	39.90
1925-----	300	323	97	168	16,000	53.33
1926-----	300	361	108	95	10,000	33.33
1927-----	700	150	105	242	25,000	35.71
1928-----	570	319	182	150	27,000	47.37
1929-----	500	300	150	165	25,000	50.00
1930-----	500	320	160	170	27,000	54.00

All 1930 figures preliminary.

**PRODUCTION, MARKET PRICE AND VALUE OF APPLES AND PEACHES IN COLORADO,
1910-1930**

Year	APPLES			PEACHES		
	Production, Bus.	Price per Bu.	Value	Production, Bus.	Price per Bu.	Value
1910-----	1,500,000	\$1.15	\$ 1,725,000	390,000	\$1.80	\$ 702,000
1911-----	2,700,000	1.22	3,294,000	410,000	1.75	718,000
1912-----	3,100,000	.80	2,480,000	1,100,000	1.00	1,100,000
1913-----	3,300,000	1.08	3,564,000	390,000	1.24	484,000
1914-----	4,500,000	.70	3,150,000	1,025,000	.60	615,000
1915-----	2,080,000	.95	1,976,000	650,000	1.25	813,000
1916-----	2,541,000	.94	2,389,000	405,000	1.25	506,000
1917-----	2,190,000	.80	1,752,000	1,096,000	2.00	2,192,000
1918-----	2,067,000	1.70	3,514,000	959,000	2.00	1,918,000
1919-----	3,418,000	1.85	6,323,000	722,000	2.50	1,805,000
1920-----	2,830,000	1.40	3,962,000	670,000	2.50	1,675,000
1921-----	3,200,000	1.70	5,440,000	810,000	1.75	1,417,500
1922-----	4,250,000	.75	3,188,000	900,000	1.00	900,000
1923-----	3,010,000	.95	2,860,000	750,000	1.71	1,282,000
1924-----	3,024,000	1.30	3,931,000	920,000	1.60	1,472,000
1925-----	3,200,000	1.10	3,520,000	450,000	1.90	855,000
1926-----	3,444,000	.70	2,411,000	976,000	1.10	1,074,000
1927-----	2,592,000	1.10	2,851,000	892,000	1.20	1,070,000
1928-----	3,020,000	.65	1,963,000	650,000	1.20	780,000
1929-----	2,460,000	.95	2,337,000	1,000,000	1.45	1,450,000
1930-----	1,130,000	.85	960,000	817,000	1.45	1,185,000

PRODUCTION, PRICE AND VALUE OF PEARS IN COLORADO, 1910-1930

Year	Production, Bus.	Price per Bu.	Value
1910-----	121,000	----	-----
1911-----	160,000	\$1.55	\$ 248,000
1912-----	193,000	.93	179,000
1913-----	130,000	1.75	227,000
1914-----	206,000	----	-----
1915-----	99,000	----	-----
1916-----	99,000	----	-----
1917-----	320,000	2.10	672,000
1918-----	194,000	1.50	291,000
1919-----	345,000	2.20	759,000
1920-----	386,000	1.90	733,000
1921-----	502,000	2.20	1,104,000
1922-----	519,000	.75	389,000
1923-----	400,000	1.56	624,000
1924-----	550,000	1.40	770,000
1925-----	510,000	1.15	586,000
1926-----	564,000	.65	367,000
1927-----	480,000	1.40	672,000
1928-----	185,000	1.05	194,000
1929-----	650,000	1.50	975,000
1930-----	173,000	1.30	225,000

NOTE—Data for earlier years is incomplete.

No prices published for 1914-15-16.

All 1930 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF CUCUMBERS FOR PICKLES IN COLORADO,
1918-1930

Year	Acres	Yield per Acre, Bus.	Produc- tion, Bus.	Price per Bu.	Value	Value per Acre
1918.....	2,140	74	158,000	---	-----	-----
1919.....	2,140	69	148,000	---	-----	-----
1920.....	1,880	81	152,000	---	-----	-----
1921.....	3,850	75	289,000	---	-----	-----
1922.....	3,080	65	200,000	\$1.45	\$ 290,000	\$ 94.16
1923.....	3,250	78	254,000	1.55	394,000	121.24
1924.....	2,800	35	98,000	1.00	98,000	35.00
1925.....	3,500	102	357,000	1.00	357,000	102.00
1926.....	2,900	61	177,600	.87	151,000	53.10
1927.....	3,130	50	156,000	.75	117,000	37.39
1928.....	2,300	101	232,000	.60	139,000	60.43
1929.....	2,000	115	230,000	.60	138,000	69.00
1930.....	2,800	130	364,000	.53	193,000	68.93

Price data for 1918-1921, inclusive, not available.

ACREAGE, PRODUCTION AND VALUE OF SNAP BEANS FOR MANUFACTURE IN
COLORADO, 1918-1930

Year	Acres	Yield per Acre, Tons	Produc- tion, Tons	Price per Ton	Value	Value per Acre
1918.....	840	3.3	2,800	-----	-----	-----
1919.....	1,040	4.1	4,300	-----	-----	-----
1920.....	980	2.4	2,400	-----	-----	-----
1921.....	700	3.3	2,300	-----	-----	-----
1922.....	610	2.5	1,500	\$56.67	\$ 85,000	\$139.35
1923.....	750	3.5	2,600	60.00	156,000	208.00
1924.....	1,200	3.0	3,600	60.00	216,000	180.00
1925.....	1,800	3.0	5,400	56.67	306,000	170.00
1926.....	700	8.2	2,200	53.33	117,000	167.15
1927.....	900	2.4	2,200	60.00	132,000	146.67
1928.....	1,600	2.1	3,400	60.00	204,000	127.50
1929.....	2,300	3.0	6,900	58.00	400,000	173.91
1930.....	1,960	4.0	7,800	60.00	468,000	238.78

Price data for 1918-1921, inclusive, not available.

ACREAGE, PRODUCTION AND VALUE OF CANTALOUPE IN COLORADO, 1918-1930

Year	Acres Harvested	Yield per Acre, Crates	Produc- tion, Crates	Price per Crate	Value	Value per Acre
1918.....	4,600	176	809,000	\$1.50	\$ 1,214,000	\$263.91
1919.....	6,690	165	1,104,000	1.25	1,380,000	206.80
1920.....	8,280	150	1,242,000	1.60	1,987,000	239.97
1921.....	8,200	182	1,492,000	.84	1,253,000	152.80
1922.....	14,000	100	1,400,000	1.75	2,450,000	175.00
1923.....	8,620	125	1,078,000	1.69	1,822,000	211.35
1924.....	8,040	145	1,166,000	1.19	1,388,000	172.64
1925.....	7,900	181	1,430,000	.91	1,301,000	164.72
1926.....	11,670	170	1,984,000	1.17	2,321,000	198.89
1927.....	12,100	127	1,537,000	1.05	1,614,000	133.39
1928.....	9,000	130	1,170,000	.94	1,100,000	122.00
1929.....	11,000	230	2,530,000	.83	2,100,000	190.91
1930.....	10,000	200	2,000,000	1.20	2,400,000	240.00

All 1930 figures preliminary.

**ACREAGE, PRODUCTION AND VALUE OF TOMATOES IN COLORADO FOR TABLE USE,
1918-1930**

Year	Acres	Yield per Acre, Bus.	Produc- tion, Bushels	Price per Bu.	Value	Value per Acre
1918-----	610	286	174,000	\$1.60	\$ 278,000	\$455.73
1919-----	650	321	209,000	1.29	270,000	415.45
1920-----	630	250	158,000	1.60	253,000	401.60
1921-----	180	250	45,000	1.65	74,000	411.11
1922-----	490	303	148,000	1.29	191,000	389.93
1923-----	970	214	208,000	1.76	366,000	377.35
1924-----	350	223	80,000	1.13	90,000	257.14
1925-----	580	303	176,000	1.20	211,000	363.80
1926-----	410	265	110,000	.76	84,000	204.88
1927-----	800	200	160,000	.85	136,000	170.00
1928-----	600	264	158,000	.91	144,000	240.00
1929-----	600	310	186,000	.97	180,000	300.00
1930-----	700	320	224,000	.80	179,000	255.71

**ACREAGE, PRODUCTION AND VALUE OF TOMATOES IN COLORADO FOR
MANUFACTURE, 1918-1930**

Year	Acres	Yield per Acre, Tons	Produc- tion, Tons	Price per Ton	Value	Value per Acre
1918-----	2,440	8.0	19,500	\$15.12	\$ 295,000	\$120.90
1919-----	2,600	9.1	23,700	12.90	306,000	117.70
1920-----	2,530	6.3	15,900	15.00	238,000	94.09
1921-----	730	6.0	4,400	9.00	40,000	54.80
1922-----	2,200	8.2	18,000	8.67	156,000	70.90
1923-----	2,860	5.0	14,300	9.00	129,000	45.10
1924-----	2,000	7.2	14,400	10.25	148,000	74.00
1925-----	3,040	8.5	25,800	11.50	297,000	97.70
1926-----	2,350	7.5	17,600	12.00	211,000	89.79
1927-----	2,000	7.0	14,000	12.00	168,000	84.00
1928-----	1,600	7.4	11,800	11.00	130,000	81.25
1929-----	2,030	8.7	17,700	11.00	195,000	96.06
1930-----	2,230	8.5	19,000	10.90	207,000	92.83

ACREAGE, PRODUCTION AND VALUE OF CELERY IN COLORADO, 1918-1930

Year	Acres	Yield per Acre, Crates	Produc- tion, Crates	Price per Crate	Value	Value per Acre
1918-----	200	313	63,000	\$2.00	\$ 126,000	\$630.00
1919-----	350	330	116,000	2.00	232,000	662.82
1920-----	410	300	123,000	1.67	205,000	500.00
1921-----	400	330	132,000	1.33	176,000	440.00
1922-----	600	300	180,000	1.91	344,000	573.34
1923-----	670	300	201,000	1.41	283,000	422.39
1924-----	720	345	248,000	2.51	622,000	863.86
1925-----	920	420	386,000	3.16	1,220,000	1,326.10
1926-----	940	300	282,000	1.22	344,000	366.02
1927-----	910	300	282,000	1.70	479,000	509.56
1928-----	900	300	270,000	1.65	446,000	495.56
1929-----	1,050	240	252,000	1.10	277,000	263.81
1930-----	840	260	218,000	.90	196,000	233.33

All 1930 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF GREEN PEAS GROWN IN COLORADO
FOR TABLE USE, 1922-1930

Year	Acres	Yield per Acre, Hampers	Produce- tion, Hampers	Price per Hamper	Value	Value per Acre
1922-----	300	45	14,000	\$1.55	\$ 22,000	\$ 73.33
1923-----	380	75	23,000	1.44	40,000	105.27
1924-----	350	80	65,000	1.85	126,000	150.00
1925-----	2,560	100	256,000	3.07	786,000	307.00
1926-----	1,940	62	120,000	1.94	233,000	120.10
1927-----	4,000	50	200,000	2.84	568,000	142.00
1928-----	6,500	55	358,000	1.60	573,000	87.85
1929-----	9,500	81	770,000	1.30	1,001,000	105.37
1930-----	7,790	75	584,000	1.65	964,000	123.75

ACREAGE, PRODUCTION AND VALUE OF GREEN PEAS FOR MANUFACTURE IN
COLORADO, 1922-1930

Year	Acres	Yield per Acre, Pounds	Produce- tion, Tons	Price per Ton	Value	Value per Acre
1922-----	2,940	1,400	2,100	\$65.00	\$136,000	\$46.24
1923-----	3,680	1,000	1,800	69.00	124,000	33.70
1924-----	3,140	1,600	2,500	52.54	131,000	41.72
1925-----	3,520	1,800	3,200	60.00	192,000	54.55
1926-----	2,570	1,800	2,313	60.10	139,000	54.09
1927-----	1,900	1,800	1,710	60.00	103,000	54.21
1928-----	3,000	1,900	2,850	50.00	142,000	47.33
1929-----	3,400	1,776	3,019	44.00	133,000	39.12
1930-----	3,700	1,818	3,364	46.00	155,000	41.89

ACREAGE, PRODUCTION AND VALUE OF CABBAGE IN COLORADO, 1918-1930

Year	Acres Harvested	Yield per Acre, Tons	Produce- tion, Tons	Price per Ton	Value	Av. Value per Acre
1918-----	4,220	9.0	38,000	\$24.50	\$ 931,000	\$220.61
1919-----	4,000	10.0	40,000	20.00	800,000	200.00
1920-----	4,390	15.1	66,300	9.04	599,400	136.54
1921-----	3,995	11.7	46,730	24.55	1,147,000	287.09
1922-----	5,240	12.0	62,900	4.27	269,000	51.82
1923-----	5,270	14.3	75,400	7.40	558,000	105.91
1924-----	4,010	11.0	44,100	11.38	502,000	125.20
1925-----	2,000	11.5	23,000	18.96	436,000	218.00
1926-----	3,220	13.6	43,800	7.29	319,000	99.08
1927-----	2,300	14.6	33,500	13.97	468,000	203.48
1928-----	2,600	14.4	37,500	13.39	502,000	193.08
1929-----	2,800	10.7	30,000	21.30	639,000	228.21
1930-----	3,400	12.6	42,900	8.83	379,000	111.47

All 1930 figures preliminary.

ACREAGE, PRODUCTION AND VALUE OF LETTUCE IN COLORADO, 1918-1930

Year	Acres	Yield per Acre, Crates	Production, Crates	Price per Crate	Value	Value per Acre
1918-----	140	255	36,000	\$3.50	\$ 126,000	\$900.00
1919-----	190	235	45,000	3.00	135,000	710.56
1920-----	730	250	182,000	1.80	328,000	449.32
1921-----	900	270	243,000	1.50	364,000	404.45
1922-----	6,000	180	1,080,000	1.71	1,847,000	307.83
1923-----	6,710	145	973,000	1.60	1,557,000	231.99
1924-----	5,600	85	476,000	2.16	1,028,000	183.57
1925-----	10,500	133	1,396,000	1.58	2,206,000	210.09
1926-----	13,240	115	1,523,000	1.43	2,178,000	164.50
1927-----	13,240	110	1,456,000	1.63	2,373,000	179.24
1928-----	9,800	115	1,127,000	1.07	1,206,000	123.05
1929-----	9,800	110	1,078,000	1.25	1,348,000	137.55
1930-----	9,000	90	810,000	.85	688,000	76.44

ACREAGE, PRODUCTION AND VALUE OF CAULIFLOWER IN COLORADO, 1922-1930

Year	Acres	Yield per Acre, Crates	Production, Crates	Price per Crate	Value	Value per Acre
1922-----	260	277	72,000	\$1.82	\$ 131,000	\$504.00
1923-----	400	160	64,000	1.11	71,000	177.50
1924-----	400	160	64,000	1.80	115,000	288.00
1925-----	1,000	160	160,000	.71	114,000	114.00
1926-----	1,100	90	99,000	1.15	114,000	103.64
1927-----	1,160	290	336,000	1.78	598,000	515.52
1928-----	1,700	300	510,000	1.20	612,000	360.00
1929-----	3,600	360	1,296,000	.70	907,000	251.94
1930-----	3,000	320	960,000	.80	768,000	256.00

ACRES, PRODUCTION AND VALUE OF GRAIN SORGHUMS IN COLORADO, 1919-1930

Year	Acres	Yield per Acre, Bus.	Production, Bushels	Price per Bu.	Value	Value per Acre
1919	283,000	16	4,528,000	\$1.20	\$ 5,434,000	\$19.20
1920	282,000	15	4,230,000	.84	3,553,000	12.60
1921	265,000	13	3,445,000	.52	1,791,000	6.76
1922	247,000	14	3,458,000	.70	2,421,000	9.80
1923	320,000	18	5,760,000	.80	4,608,000	14.40
1924	233,000	8	1,864,000	.90	1,678,000	7.20
1925	246,000	11	2,706,000	.71	1,921,000	7.81
1926	227,000	5	1,135,000	.60	681,000	3.00
1927	284,000	10	2,840,000	.65	1,846,000	6.50
1928	256,000	10.5	2,688,000	.60	1,613,000	6.30
1929	205,000	11.0	2,255,000	.80	1,804,000	8.80
1930	211,000	13.5	2,848,000	.50	1,424,000	6.75

Note—The acreage includes both sorghums threshed for grain and that portion cut for forage, both being considered on the basis of grain values.

All 1930 figures preliminary.

ACRES OF ALL FARM LAND* RETURNED ANNUALLY FOR ASSESSMENT IN COLORADO
FOR 1915, 1920, 1927, 1928, 1929, AND 1930

COUNTY	1930	1929	1928	1927	1920	1915
Adams-----	742,427	750,104	750,430	750,389	737,123	629,707
Alamosa-----	316,144	322,280	321,286	324,186	307,800	334,500
Arapahoe-----	497,502	491,810	492,410	492,570	490,550	441,447
Archuleta-----	246,445	311,076	323,702	315,008	257,141	249,577
Baca-----						
	1,533,420	1,532,020	1,529,257	1,555,660	1,137,896	540,620
Bent-----	790,914	772,596	750,115	748,468	446,787	189,325
Boulder-----	260,922	264,239	258,880	256,395	251,790	232,766
Chaffee-----	99,954	98,053	94,626	95,191	83,363	80,687
Cheyenne-----	1,072,229	1,075,601	1,074,814	1,073,893	1,044,149	888,535
Clear Creek-----	32,897	33,046	41,433	39,580	33,857	30,828
Conchos-----	257,386	256,646	252,638	251,067	225,604	216,263
Costilla-----	374,160	374,180	376,180	371,180	219,200	769,456
Crowley-----	424,921	425,311	418,361	416,215	307,539	131,443
Custer-----	257,318	254,901	261,240	249,371	140,405	117,653
Delta-----	359,446	258,689	136,001	137,882	218,167	189,239
Denver-----	5,928	5,706	6,074	6,178	7,519	7,843
Dolores-----	191,787	190,558	188,894	179,697	37,035	10,257
Douglas-----	379,997	379,358	379,332	378,954	375,584	367,270
Eagle-----	148,314	155,146	138,772	132,806	98,394	85,392
Elbert-----	1,081,479	1,077,854	1,073,216	1,071,684	1,034,431	952,091
El Paso-----	988,889	990,870	991,474	988,354	951,958	799,156
Fremont-----	372,416	359,693	354,360	350,847	214,408	182,330
Garfield-----	327,139	328,812	323,568	321,505	259,122	204,520
Gilpin-----	28,502	28,073	26,883	26,146	18,091	15,936
Grand-----	265,109	262,169	253,131	247,424	172,269	128,246
Gunnison-----	330,832	309,367	293,927	283,324	151,927	122,701
Hinsdale-----	20,102	15,622	18,427	17,233	14,759	12,081
Huerfano-----	657,567	654,232	651,264	611,076	366,959	340,211
Jackson-----	306,734	300,497	291,040	279,308	214,044	193,940
Jefferson-----	334,422	346,325	341,323	336,407	322,343	296,175
Kiowa-----	1,050,114	1,030,751	1,036,347	1,026,421	960,670	680,986
Kit Carson-----	1,307,131	1,307,131	1,307,011	1,305,441	1,265,961	1,128,158
Lake-----	28,966	28,327	23,912	26,682	27,011	26,658
La Plata-----	432,180	436,714	423,906	421,286	328,843	265,834
Larimer-----	761,541	761,535	762,364	753,615	666,173	621,368
Las Animas-----	2,576,249	2,637,187	2,549,571	2,500,702	1,078,269	765,310
Lincoln-----	1,496,195	1,496,898	1,495,256	1,491,805	1,409,418	1,058,771
Logan-----	988,921	988,321	987,641	986,200	966,630	680,036
Mesa-----	480,507	474,647	457,564	452,276	338,284	287,055
Mineral-----	26,744	26,599	27,331	27,309	20,551	19,256
Moffat-----	981,949	960,114	940,924	900,971	229,710	129,754
Montezuma-----	315,366	289,569	302,906	299,560	209,902	160,104
Montrose-----	411,824	407,347	398,129	392,160	293,693	230,329
Morgan-----	743,898	742,845	742,305	741,725	634,280	367,245
Otero-----	648,908	623,031	606,039	612,768	323,442	240,275
Ouray-----	149,895	147,958	144,817	144,074	155,440	83,793
Park-----	466,040	459,728	445,722	427,839	192,192	196,132
Phillips-----	403,618	408,372	408,372	408,572	395,780	385,671
Pitkin-----	70,147	70,485	70,485	69,210	58,078	50,701
Prowers-----	973,008	964,067	958,253	965,345	811,164	448,925
Pueblo-----	1,169,258	1,165,970	1,164,642	1,158,068	867,047	688,441
Rio Blanco-----	355,341	345,955	341,487	326,338	194,466	139,814
Rio Grande-----	220,244	219,255	215,973	211,753	185,285	170,680
Routt-----	559,221	543,945	518,558	510,291	345,619	261,047
Saguache-----	553,117	539,530	542,679	521,713	453,873	407,323
San Juan-----	200	200	200	200	200	200
San Miguel-----	229,052	229,683	223,005	218,301	125,269	87,098
Sedgwick-----	305,777	304,112	303,383	302,370	297,652	280,973
Summit-----	38,075	37,740	37,706	38,022	28,945	22,610
Teller-----	149,691	149,911	149,569	145,631	112,470	99,807
Washington-----	1,481,907	1,487,261	1,485,598	1,493,805	1,393,009	914,615
Weld-----	2,266,855	2,270,582	2,262,005	2,261,971	2,171,570	1,631,321
Yuma-----	1,433,893	1,433,522	1,425,885	1,422,031	1,296,745	993,616
State-----	35,791,134	35,614,126	35,163,103	34,872,453	27,977,855	22,284,101

*Includes fruit, irrigated, natural hay, dry farming, grazing and waste and seep land.

DISTRIBUTION OF AGRICULTURAL LAND
(From County Assessors' Reports, 1930)

COUNTY	Area Acres	Agri- cultural Land	Per Cent of Total Area	Irrigated Land*	Per Cent of Agri- cultural Land	Grazing Land†	Per Cent of Agri- cultural Land	Dry Farming Land	Per Cent of Agri- cultural Land
Adams	807,680	753,317	93.27	103,648	13.76	140,242	18.62	509,427	67.62
Alamosa	465,280	316,144	67.95	66,000	20.88	134,644	42.59	115,500	36.53
Arapahoe	588,880	507,719	94.22	28,911	5.70	67,091	13.21	411,717	81.09
Archuleta	780,800	246,445	31.56	11,049	4.48	225,239	91.40	10,157	4.12
Baca	1,633,280	1,533,420	93.89	2,950	.19	562,425	36.68	968,045	63.13
Bent	975,360	790,914	81.08	48,170	6.09	683,507	86.42	69,237	7.49
Boulder	488,960	263,785	53.85	81,990	31.08	169,420	60.44	22,375	8.48
Chaffee	693,120	99,954	14.42	25,062	25.07	74,892	74.93	---	---
Cheyenne	1,137,280	1,072,229	94.28	---	---	231,283	21.57	840,946	78.43
Clear Creek	249,600	33,356	13.36	459	1.38	32,897	98.62	---	---
Conejos	801,280	257,386	32.12	96,400	37.45	160,986	62.55	---	---
Costilla	758,400	374,160	49.34	83,660	22.36	280,000	74.83	10,500	2.81
Crowley	517,120	424,921	82.17	40,130	9.44	375,382	88.34	9,409	2.22
Custer	478,080	257,318	53.82	17,564	6.83	234,036	90.95	5,718	2.22
Delta	768,640	359,446	46.76	63,492	17.66	274,009	76.23	21,945	6.11
Denver	37,120	5,928	15.97	5,928	100.00	---	---	---	---
Dolores	667,520	191,787	28.73	1,083	.56	117,352	61.19	73,352	38.25
Douglas	540,800	379,997	70.27	12,267	5.23	277,923	73.14	89,807	23.63
Eagle	1,036,800	148,314	14.30	25,276	17.04	121,973	82.24	1,065	.72
Elbert	1,188,480	1,081,479	91.00	11,766	1.09	722,228	66.78	347,495	32.13
El Paso	1,357,440	990,234	72.95	23,851	2.41	749,493	75.69	216,890	21.90
Fremont	996,480	372,416	37.37	18,226	4.89	311,524	83.65	42,666	11.46
Garfield	1,988,480	327,139	16.45	54,038	16.52	244,065	74.60	29,036	8.88
Gipin	84,480	28,502	33.74	28,502	100.00	---	---	---	---
Grand	1,191,240	265,109	22.20	32,234	12.16	232,875	87.84	---	---
Gunnison	2,034,560	330,832	16.26	38,096	11.52	292,439	88.40	297	.08
Hinsdale	621,440	20,102	3.23	2,489	12.38	17,613	87.62	---	---
Huerfano	960,000	657,567	68.50	16,432	2.50	618,945	94.13	22,190	3.37
Jackson	1,044,480	306,734	29.37	69,361	22.61	237,271	77.35	102	.04
Jefferson	517,120	346,382	66.98	63,360	18.29	254,322	73.42	28,700	8.29

Kiowa	1,150,720	1,050,114	91.26	---	---	291,360	27.75	758,754	72.25
Kit Carson	1,381,760	1,307,131	94.60	4.207	.32	290,251	22.21	1,012,673	77.47
Lake	237,440	28,966	12.20	5,089	17.57	23,877	82.43	---	---
La Plata	1,184,640	432,705	36.53	52,353	12.10	360,051	83.21	20,301	4.69
Larimer	1,682,560	762,919	45.34	123,314	16.16	615,605	80.69	24,000	3.15
Las Animas	3,077,760	2,577,248	83.74	30,996	1.21	2,484,593	96.40	61,659	2.39
Lincoln	1,644,800	1,496,195	90.97	3,102	.21	581,742	38.88	911,351	60.91
Logan	1,166,080	988,921	84.81	85,481	8.64	333,440	33.72	570,000	57.64
Mesa	2,024,320	481,048	23.76	100,409	20.87	380,639	79.13	---	---
Mineral	554,240	26,744	4.83	4,364	16.32	22,380	83.68	---	---
Moffat	2,981,120	981,949	32.94	15,140	1.54	931,572	74.87	36,237	3.59
Montezuma	1,312,640	315,366	24.02	37,550	11.31	235,453	74.65	42,383	13.44
Montrose	1,448,960	411,824	28.42	65,559	15.95	322,475	78.30	23,690	5.75
Morgan	823,040	743,898	90.38	83,262	11.19	416,176	55.95	244,460	32.86
Otero	805,760	648,908	80.53	78,901	12.16	559,395	86.20	10,612	1.64
Ouray	332,160	149,895	45.13	11,853	7.91	134,532	89.75	3,510	2.34
Park	1,434,880	466,040	32.48	23,480	5.04	437,100	93.79	5,460	1.17
Phillips	440,320	408,618	92.80	---	---	34,968	8.56	373,650	91.44
Pitkin	652,160	70,147	10.76	17,088	24.36	52,919	75.44	140	.20
Prowers	1,043,200	973,397	93.31	97,631	10.02	236,499	24.30	639,367	65.68
Pueblo	1,557,120	1,174,173	75.41	45,173	3.85	1,047,040	89.17	81,960	6.98
Rio Blanco	2,062,720	355,341	17.23	23,734	6.68	310,678	87.43	20,929	5.89
Rio Grande	574,720	220,244	38.32	93,465	42.44	126,779	57.56	---	---
Routt	1,477,760	559,221	37.84	41,873	7.49	464,482	83.06	52,866	9.45
Saguache	2,005,120	553,117	27.59	86,640	15.66	466,477	84.34	---	---
San Juan	289,920	200	.07	---	---	200	100.00	---	---
San Miguel	821,320	229,052	27.79	7,180	3.14	215,453	94.06	6,419	2.80
Sedgwick	339,840	305,777	89.98	25,575	8.36	91,450	29.91	188,752	61.73
Summit	415,360	38,075	9.17	6,770	17.78	31,305	82.22	---	---
Teller	350,080	149,691	42.78	2,036	1.36	125,431	83.79	22,224	14.85
Washington	1,613,440	1,431,907	91.85	7,648	.52	337,168	22.75	1,137,091	76.73
Weld	2,574,080	2,269,109	88.15	355,722	15.67	1,166,047	51.39	747,340	32.94
Yuma	1,514,880	1,438,893	94.98	8,468	.59	745,316	51.80	685,119	47.61
State	66,341,120	35,839,869	54.02	2,587,935	7.22	21,735,411	60.65	1,516,523	32.13

*Includes acreage classed by assessors as fruit land, natural hay land and suburban tracts.
†Includes acreage classed by assessors as waste and seep land.

Jackson	1,546,600	1,143,560	1,030	9,840	264,520	12,670	56,880	3,035,100	3,152,140
Jefferson	10,878,110	773,150	64,020	27,070	5,964,620	10,000	122,120	17,839,090	17,597,070
Kiowa	7,988,890	500,580	14,855	41,640	280,020	1,700	26,870	8,944,555	9,246,460
Kit Carson	12,248,283	1,289,283	45,373	65,971	1,656,000	155,360	318,561	15,778,631	15,813,112
Lake	174,230	40,545	-----	435	209,655	-----	4,960	429,825	431,725
La Plata	3,928,690	794,845	25,125	-----	893,505	3,730	63,045	5,708,840	5,885,255
Larimer	13,217,350	1,851,880	50,600	45,520	5,087,770	31,560	402,760	20,690,440	20,267,030
Las Animas	9,450,660	2,331,101	15,542	-----	1,327,048	95,445	91,012	13,810,808	12,583,761
Lincoln	10,598,070	1,242,605	34,960	72,565	570,790	93,020	131,975	12,743,985	14,866,950
Logan	14,684,910	1,650,883	57,835	158,790	2,099,650	43,760	555,770	19,251,598	19,172,465
Mesa	9,415,720	2,228,980	74,085	-----	1,934,650	27,690	214,770	13,895,895	13,684,670
Mineral	177,860	130,555	325	640	149,105	6,349	2,850	467,675	478,515
Moffat	3,320,210	1,109,125	7,340	40,300	543,715	28,410	88,660	5,138,070	5,366,755
Montezuma	2,689,065	718,420	20,825	52,355	478,820	23,410	58,235	4,041,330	4,135,700
Montrose	1,207,540	4,429,575	38,746	89,100	882,510	9,575	372,150	6,710,056	6,890,576
Morgan	10,409,740	1,315,410	46,850	-----	1,581,870	45,730	-----	13,860,850	14,064,550
Otero	8,566,595	1,150,695	60,455	13,955	3,561,765	343,865	240,550	13,937,880	14,258,414
Ouray	994,893	315,911	2,129	-----	135,840	500	22,170	1,471,443	1,512,246
Park	2,170,700	746,110	3,210	22,540	612,340	15,400	60,020	3,630,320	3,768,375
Phillips	9,767,105	432,425	25,595	59,590	669,050	123,125	266,315	11,343,205	11,282,855
Pitkin	1,049,895	293,720	1,545	3,780	235,983	23,120	37,260	1,645,300	1,684,910
Prowers	9,906,290	1,079,910	51,101	42,160	1,393,690	43,500	181,979	12,698,630	13,267,306
Pueblo	9,665,650	1,130,130	38,495	255,290	12,494,475	74,230	136,205	23,794,475	23,993,095
Rio Blanco	2,601,200	1,422,175	3,675	-----	495,960	10,335	70,270	4,613,615	4,731,570
Rio Grande	5,015,087	843,285	6,090	191,235	651,875	108,350	78,360	6,894,282	6,715,917
Routt	4,430,550	1,755,930	10,000	76,100	1,043,110	104,050	172,620	7,592,360	7,953,050
Saguache	3,986,452	1,433,718	4,888	70,147	503,033	28,325	51,775	6,078,338	6,413,048
San Juan	1,280	56,963	-----	-----	-----	-----	250	58,493	81,388
San Miguel	1,087,810	458,035	2,700	7,140	244,440	7,670	19,670	1,827,465	2,002,240
Sedgwick	6,107,975	501,385	16,690	88,925	732,185	8,800	188,790	7,635,750	7,607,810
Summit	354,345	200,790	320	1,760	54,010	500	6,375	618,100	564,065
Teller	530,160	214,355	855	-----	116,810	5,399	20,715	888,285	873,000
Washington	9,754,554	1,334,527	53,290	56,206	786,260	8,350	227,300	12,220,587	13,301,754
Weld	41,272,530	3,726,810	113,270	150,940	5,832,584	135,930	917,030	52,149,094	53,322,040
Yuma	15,830,760	1,792,250	59,250	92,400	1,062,120	22,380	316,850	19,176,010	19,340,810
State	\$372,453,204	\$57,008,106	\$1,417,740	\$2,437,164	\$83,298,510	\$2,364,376	\$8,207,996	\$527,187,096	\$536,496,560

ACREAGE OF IRRIGATED LAND AS RETURNED BY COUNTY ASSESSORS FOR ASSESSMENT FOR 1914, 1920, 1925, 1928, 1929 AND 1930

COUNTY	1930	1929	1928	1925	1920	1914
Adams ----	82,499	93,389	94,000	87,343	102,073	100,381
Alamosa ----	28,500	27,500	27,500	26,800	26,000	65,900
Arapahoe ----	18,694	27,750	28,120	29,876	33,180	38,625
Archuleta ----	10,479	10,598	10,321	10,712	11,826	8,918
		2,950	3,295	3,540	9,000	-----
Baca -----	2,950					
Bent -----	48,170	47,550	45,649	47,909	46,732	46,234
Boulder ----	79,127	79,059	81,822	83,563	86,407	98,323
Chaffee ----	25,062	24,543	23,389	22,526	20,045	19,037
Cheyenne ----	-----	-----	-----	-----	-----	-----
Clear Creek ----	-----	-----	-----	-----	-----	-----
Conejos ----	36,480	85,840	85,840	86,950	87,300	97,656
Costilla ----	73,060	78,580	80,580	80,825	83,000	92,239
Crowley ----	40,007	40,198	39,667	40,330	54,050	45,336
Custer ----	5,968	5,916	6,250	10,208	11,965	7,083
Delta -----	56,034	55,159	56,370	55,208	64,849	56,123
Denver ----	5,928	5,706	6,074	6,606	7,519	7,724
Dolores ----	1,083	836	836	832	2,065	1,358
Douglas ----	6,414	6,335	6,199	6,856	7,715	7,075
Eagle -----	25,276	25,379	25,721	23,557	22,259	19,778
Elbert -----	-----	-----	-----	-----	330	220
El Paso ----	20,426	20,400	20,400	20,400	20,500	19,120
Fremont ----	14,975	14,869	13,301	21,659	20,633	15,337
Garfield ----	53,240	53,925	53,641	51,588	59,278	53,278
Gilpin ----	-----	-----	-----	-----	-----	-----
Grand -----	32,234	32,854	33,853	29,592	31,097	25,111
Gunnison --	38,096	36,845	37,710	39,405	35,955	32,497
Hinsdale ----	2,489	2,206	2,352	2,180	2,233	1,445
Huerfano --	12,897	16,106	15,591	5,223	21,802	19,037
Jackson ----	-----	-----	-----	71,635	67,685	59,710
Jefferson --	51,400	51,759	69,486	48,263	49,397	40,200
Kiowa -----	-----	-----	-----	-----	-----	-----
Kit Carson --	506	583	732	145	180	750
Lake -----	-----	-----	-----	-----	-----	-----
La Plata ----	51,708	53,080	53,341	56,788	57,881	44,995
Larimer ----	105,532	105,679	110,226	111,589	106,921	111,278
Las Animas --	23,552	20,893	25,542	28,830	22,931	23,876
Lincoln ----	-----	-----	-----	-----	-----	-----
Logan -----	70,431	70,481	70,481	67,000	59,472	63,344
Mesa -----	93,653	91,049	88,952	97,692	89,452	82,589
Mineral ----	1,707	1,847	2,028	993	370	1,309
Moffat ----	11,420	13,261	13,341	18,187	16,247	15,163
Montezuma --	36,850	36,925	35,388	37,579	37,077	38,660
Montrose --	64,557	65,459	65,628	69,748	79,240	73,129
Morgan ----	81,062	81,085	79,712	78,692	76,269	74,580
Otero -----	78,464	78,307	80,493	76,492	79,015	70,201
Ouray -----	9,625	9,824	9,824	10,060	11,655	10,143
Park -----	-----	-----	-----	-----	-----	-----
Phillips ----	-----	-----	-----	-----	-----	-----
Pitkin ----	17,088	18,127	18,127	16,163	15,407	14,081
Prowers ----	93,702	90,282	95,891	95,744	89,851	96,585
Pueblo ----	40,258	40,225	45,580	40,376	40,788	47,641
Rio Blanco --	21,824	22,321	22,269	23,552	22,990	19,973
Rio Grande --	63,908	63,641	72,696	72,403	42,721	80,861
Routt -----	41,873	42,614	41,563	42,494	47,864	36,159
Saguache --	37,640	37,640	37,640	37,640	37,480	26,496
San Juan ----	-----	-----	-----	-----	-----	-----
San Miguel --	7,180	7,544	7,347	8,857	9,390	6,631
Sedgwick --	19,825	19,872	19,937	19,816	20,054	20,396
Summit ----	6,770	6,760	6,708	7,011	6,225	4,970
Teller ----	-----	-----	-----	-----	-----	-----
Washington --	7,648	7,786	7,685	6,885	6,682	7,050
Weld -----	346,795	357,505	355,899	339,139	343,808	283,058
Yuma -----	3,678	3,624	4,625	5,600	3,550	4,332
State -----	2,163,794	2,192,666	2,239,622	2,283,111	2,308,415	2,236,000

ACREAGE OF DRY FARMING LAND AS RETURNED BY COUNTY ASSESSORS FOR
ASSESSMENT FOR 1914, 1920, 1925, 1928, 1929 AND 1930

COUNTY	1930	1929	1928	1925	1920	1914
Adams-----	509,427	443,523	496,800	502,099	442,385	135,930
Alamosa-----	115,500	115,500	115,500	112,150	102,000	-----
Arapahoe-----	411,717	380,330	380,600	379,940	375,440	42,760
Archuleta-----	10,157	10,482	10,570	10,760	10,876	3,988
Baca-----	968,045	968,045	967,642	955,977	1,080,212	-----
Bent-----	59,237	60,580	6,098	4,730	6,435	-----
Boulder-----	22,375	23,119	22,662	23,496	22,838	-----
Chaffee-----	-----	-----	-----	-----	-----	-----
Cheyenne-----	840,946	845,120	844,824	851,476	1,044,149	-----
Clear Creek-----	-----	-----	-----	-----	-----	-----
Conejos-----	-----	-----	-----	-----	-----	-----
Costilla-----	10,500	10,000	10,000	10,000	1,000	-----
Crowley-----	9,409	11,699	13,713	12,584	2,351	1,751
Custer-----	5,718	6,711	5,813	2,386	12,101	-----
Delta-----	21,945	24,108	23,939	25,116	38,075	-----
Denver-----	-----	-----	-----	-----	-----	-----
Dolores-----	73,352	17,866	17,301	65,219	14,292	-----
Douglas-----	89,807	89,030	88,059	84,078	89,217	23,666
Eagle-----	1,065	844	-----	-----	-----	-----
Elbert-----	347,495	352,362	353,133	366,242	407,190	65,512
El Paso-----	216,890	217,010	218,704	218,560	213,520	193,150
Fremont-----	42,666	45,185	45,135	68,583	21,366	17,510
Garfield-----	29,036	29,458	29,228	32,006	32,961	39,602
Gilpin-----	-----	-----	-----	-----	-----	-----
Grand-----	-----	-----	-----	-----	-----	-----
Gunnison-----	297	285	-----	-----	-----	-----
Hinsdale-----	-----	-----	331	316	-----	-----
Huerfano-----	22,190	25,102	23,746	27,093	5,012	-----
Jackson-----	102	-----	-----	-----	-----	-----
Jefferson-----	28,700	28,816	19,060	25,624	29,029	30,970
Kiowa-----	758,754	746,389	750,610	789,526	-----	-----
Kit Carson-----	1,012,673	1,013,515	1,025,606	1,040,810	1,033,286	59,947
Lake-----	-----	-----	-----	-----	-----	-----
La Plata-----	20,301	19,243	18,636	17,593	15,289	6,045
Larimer-----	24,000	24,019	23,866	22,910	22,520	20,004
Las Animas-----	61,659	58,161	52,237	86,656	27,293	12,507
Lincoln-----	911,351	909,372	908,281	859,969	914,318	-----
Logan-----	570,000	570,000	571,080	580,000	584,019	252,429
Mesa-----	-----	-----	-----	-----	-----	-----
Mineral-----	-----	-----	-----	-----	-----	-----
Moffat-----	35,237	39,112	40,947	130,879	79,808	4,936
Montezuma-----	42,383	40,394	39,638	38,781	23,468	30,413
Montrose-----	23,690	23,412	20,868	29,528	37,621	25,261
Morgan-----	244,460	244,450	248,293	254,545	236,392	41,578
Otero-----	10,612	11,209	14,242	24,197	20,316	19,550
Ouray-----	3,510	3,510	3,460	3,387	2,986	1,778
Park-----	5,460	5,482	5,630	6,508	6,021	3,483
Phillips-----	373,650	374,362	374,398	371,670	366,420	426,161
Pitkin-----	140	300	300	300	480	480
Prowers-----	639,367	635,900	593,578	597,977	5,090	-----
Pueblo-----	81,960	81,890	81,960	80,260	72,942	62,485
Rio Blanco-----	20,929	19,074	23,019	18,240	18,684	5,076
Rio Grande-----	-----	-----	-----	-----	28,400	-----
Routt-----	52,866	55,449	54,820	60,241	42,015	22,376
Saguache-----	-----	-----	-----	-----	-----	-----
San Juan-----	-----	-----	-----	-----	-----	-----
San Miguel-----	6,419	7,036	8,113	8,469	7,452	4,500
Sedgwick-----	188,752	187,800	185,576	187,150	179,121	177,345
Summit-----	-----	-----	-----	-----	-----	-----
Teller-----	22,224	23,018	24,391	23,226	18,281	6,749
Washington-----	1,137,091	1,167,884	1,211,740	1,158,074	1,215,046	859,538
Weld-----	747,340	737,825	729,521	719,947	806,842	62,564
Yuma-----	685,119	681,815	688,868	751,188	620,238	617,925
State-----	11,516,523	11,385,796	11,392,036	11,640,466	10,339,797	3,277,919

**ACREAGE OF IMPROVED FRUIT LAND AND NATURAL HAY LAND AS RETURNED BY
COUNTY ASSESSORS FOR 1914, 1920, 1929, 1930**

COUNTY	IMPROVED FRUIT LAND				NATURAL HAY LAND			
	1930	1929	1920	1914	1930	1929	1920	1914
Adams	-----	-----	-----	-----	10,259	7,843	-----	-----
Alamosa	-----	-----	-----	-----	37,500	37,300	37,000	12,368
Arapahoe	-----	-----	-----	-----	-----	-----	-----	-----
Archuleta	-----	-----	-----	-----	570	515	-----	-----
Baca	-----	-----	-----	-----	-----	-----	-----	-----
Bent	-----	-----	-----	-----	-----	-----	-----	-----
Boulder	-----	-----	-----	-----	-----	-----	2,904	-----
Chaffee	-----	-----	-----	150	-----	-----	-----	-----
Cheyenne	-----	-----	-----	-----	-----	-----	-----	-----
Clear Creek	-----	-----	-----	-----	-----	-----	-----	-----
Conejos	-----	-----	-----	-----	9,920	9,920	9,400	10,000
Costilla	-----	-----	-----	-----	5,600	5,600	5,200	5,300
Crowley	123	192	535	540	-----	-----	-----	-----
Custer	-----	-----	-----	-----	11,596	11,647	-----	9,306
Delta	7,458	7,708	10,303	4,630	-----	-----	-----	-----
Denver	-----	-----	-----	-----	-----	-----	-----	-----
Dolores	-----	-----	-----	-----	-----	-----	-----	142
Douglas	-----	-----	-----	-----	5,853	5,730	5,453	3,388
Eagle	-----	-----	-----	-----	-----	-----	-----	-----
Elbert	-----	-----	-----	-----	11,756	11,501	11,587	6,454
El Paso	170	170	320	380	1,910	1,910	1,910	1,240
Fremont	2,051	1,927	2,371	2,803	1,200	1,200	1,200	1,910
Garfield	798	765	898	1,509	-----	-----	-----	-----
Gilpin	-----	-----	-----	-----	-----	-----	-----	-----
Grand	-----	-----	-----	-----	-----	-----	-----	-----
Gunnison	-----	-----	-----	-----	-----	-----	-----	-----
Hinsdale	-----	-----	-----	-----	-----	-----	-----	-----
Huerfano	36	40	20	-----	3,499	2,159	-----	-----
Jackson	-----	-----	-----	-----	69,361	69,536	-----	-----
Jefferson	-----	-----	-----	-----	-----	-----	-----	-----
Kiowa	-----	-----	-----	-----	-----	-----	-----	-----
Kit Carson	-----	-----	-----	-----	3,701	3,602	3,666	600
Lake	-----	-----	-----	-----	5,089	4,450	-----	-----
La Plata	120	150	88	83	-----	-----	-----	-----
Larimer	1,004	486	-----	2,011	15,400	15,400	15,400	15,025
Las Animas	-----	-----	-----	-----	6,445	5,943	4,016	3,436
Lincoln	-----	-----	-----	-----	3,102	3,117	3,310	-----
Logan	-----	-----	-----	-----	15,000	15,000	13,424	-----
Mesa	6,215	6,939	8,070	7,024	-----	-----	-----	-----
Mineral	-----	-----	-----	-----	2,657	2,727	2,885	1,400
Moffat	-----	-----	-----	-----	3,720	3,039	-----	-----
Montezuma	700	722	806	1,017	-----	-----	-----	-----
Montrose	1,102	1,200	1,743	1,450	-----	-----	-----	-----
Morgan	-----	-----	-----	-----	2,200	2,200	2,700	4,064
Otero	437	472	1,051	1,553	-----	-----	-----	-----
Ouray	-----	-----	-----	-----	2,228	2,128	1,424	-----
Park	-----	-----	-----	-----	23,480	23,446	22,662	21,311
Phillips	-----	-----	-----	-----	-----	-----	-----	-----
Pitkin	-----	-----	-----	45	-----	-----	-----	-----
Prowers	-----	-----	-----	-----	3,440	5,571	3,647	5,973
Pueblo	-----	-----	5,910	-----	-----	-----	-----	-----
Rio Blanco	-----	-----	-----	-----	1,910	2,047	1,010	3,599
Rio Grande	-----	-----	-----	-----	29,557	27,418	8,870	-----
Routt	-----	-----	33	305	-----	-----	-----	90
Saguache	-----	-----	-----	-----	49,000	49,000	48,750	71,124
San Juan	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel	-----	-----	-----	-----	-----	-----	-----	-----
Sedgwick	-----	-----	-----	-----	5,750	5,437	5,469	5,165
Summit	-----	-----	-----	-----	-----	-----	-----	-----
Teller	-----	-----	-----	-----	2,036	2,099	2,322	1,580
Washington	-----	-----	-----	-----	-----	-----	-----	1,755
Weld	-----	-----	-----	-----	6,673	6,415	9,631	5,635
Yuma	-----	-----	-----	-----	4,780	3,952	4,490	-----
State	20,214	20,771	32,148	23,500	355,192	347,852	228,330	190,865

ACREAGE OF GRAZING LAND AS RETURNED BY COUNTY ASSESSORS FOR ASSESSMENT FOR 1914, 1920, 1925, 1928, 1929, 1930

COUNTY	1930	1929	1928	1925	1920	1914
Adams-----	96,220	155,407	150,170	151,609	192,665	355,512
Alamosa-----	134,644	141,980	140,986	156,049	142,800	218,392
Arapahoe-----	67,091	83,730	83,690	83,690	81,930	331,884
Archuleta-----	215,369	280,673	302,346	274,067	234,439	226,948
Baca-----	562,425	561,025	558,320	564,369	48,684	474,067
Bent-----	675,362	656,320	698,368	636,392	393,620	137,772
Boulder-----	156,732	156,456	154,396	149,213	139,641	133,820
Chaffee-----	74,892	73,510	71,237	66,879	63,318	61,359
Cheyenne-----	219,599	230,481	229,990	221,327	-----	821,660
Clear Creek-----	32,897	32,587	41,433	37,260	33,857	30,828
Conejos-----	160,936	160,886	156,878	151,843	128,904	91,054
Costilla-----	60,000	60,000	230,000	290,000	130,000	674,084
Crowley-----	375,332	373,222	364,758	350,808	250,603	75,500
Custer-----	234,036	230,627	227,250	194,530	116,339	101,572
Delta-----	61,258	48,674	47,103	48,748	104,940	127,328
Denver-----	-----	-----	-----	-----	-----	-----
Dolores-----	117,352	171,856	170,757	87,946	20,678	8,237
Douglas-----	277,923	278,263	279,258	282,858	273,199	338,854
Eagle-----	121,973	128,923	113,051	88,891	76,135	62,290
Elbert-----	722,228	713,991	708,617	686,187	615,324	343,349
El Paso-----	744,620	745,180	750,286	743,305	715,708	542,483
Fremont-----	311,124	296,112	292,744	220,187	168,838	135,289
Garfield-----	244,065	244,664	239,918	213,934	165,985	104,888
Gilpin-----	28,502	28,073	26,883	20,649	18,091	16,754
Grand-----	232,875	229,315	219,278	205,423	141,172	107,020
Gunnison-----	285,052	266,228	256,217	206,500	115,972	82,036
Hinsdale-----	17,253	13,026	15,744	14,002	12,526	9,882
Huerfano-----	618,945	552,865	609,729	567,857	340,125	291,720
Jackson-----	237,271	230,961	220,660	182,740	146,359	122,151
Jefferson-----	254,322	253,947	252,777	222,534	243,917	224,048
Kiowa-----	287,815	281,017	286,237	245,296	960,670	607,114
Kit Carson-----	290,251	289,431	276,996	267,112	228,829	998,347
Lake-----	23,877	28,877	23,912	27,624	27,011	26,652
La Plata-----	360,051	363,563	351,040	318,219	555,585	186,040
Larimer-----	610,855	609,473	612,386	566,771	521,332	469,678
Las Animas-----	2,484,593	2,551,240	2,468,997	2,173,614	1,024,029	716,102
Lincoln-----	581,742	584,409	583,830	621,622	491,790	993,743
Logan-----	333,440	332,840	331,080	323,800	309,715	329,042
Mesa-----	380,639	373,663	361,789	324,859	240,762	183,083
Mineral-----	15,798	15,768	22,556	23,801	17,296	20,891
Moffat-----	928,300	901,430	883,077	584,609	133,655	100,246
Montezuma-----	231,233	207,518	227,068	207,255	143,551	84,736
Montrose-----	213,885	210,393	310,550	259,615	175,089	121,579
Morgan-----	416,176	415,110	412,080	400,909	318,919	179,079
Otero-----	539,351	530,980	510,832	468,799	221,636	126,795
Ouray-----	129,276	127,276	129,405	122,696	118,137	64,273
Park-----	437,100	430,800	416,672	324,539	186,171	173,917
Phillips-----	34,968	34,010	33,974	31,800	29,360	-----
Pitkin-----	52,919	52,058	52,058	51,093	42,191	86,988
Prowers-----	223,014	215,314	266,680	263,262	712,576	322,898
Pueblo-----	1,037,930	1,030,720	1,037,102	1,013,869	749,407	559,892
Rio Blanco-----	310,678	302,513	294,259	239,475	151,782	99,872
Rio Grande-----	125,779	128,196	126,638	124,089	105,294	87,613
Routt-----	462,095	443,671	422,175	358,516	255,707	188,763
Saguache-----	266,025	260,250	456,039	421,079	367,643	226,221
San Juan-----	200	200	200	200	200	200
San Miguel-----	215,453	215,103	207,545	178,088	108,427	69,054
Sedgwick-----	91,450	91,003	92,313	88,166	93,008	73,794
Summit-----	31,305	30,980	30,998	29,452	22,720	16,922
Teller-----	125,431	124,794	122,771	115,923	91,867	88,437
Washington-----	337,168	311,591	266,173	319,209	171,281	-----
Weir-----	1,166,047	1,167,763	1,169,830	1,182,871	1,011,289	1,192,886
Yuma-----	745,316	744,131	722,834	744,607	668,467	285,540
State-----	20,836,558	20,800,067	21,179,940	19,542,636	15,071,165	15,381,078

**ASSESSED VALUE OF ALL FARM LAND IN COLORADO AS RETURNED BY COUNTY
ASSESSORS FOR 1915, 1920, 1928, 1929, 1930**

COUNTY	1930	1929	1928	1920	1915
Adams-----	\$14,240,100	\$ 15,289,070	\$ 15,506,890	\$ 17,346,280	\$ 11,731,350
Alamosa-----	4,178,428	4,283,748	4,348,313	4,509,139	2,275,990
Arapahoe-----	6,597,630	8,176,965	8,173,965	9,915,770	6,473,900
Archuleta-----	1,201,821	1,327,595	1,328,360	1,382,773	907,132
Baca-----	8,028,385	8,022,685	8,020,995	6,233,251	1,689,437
Bent-----	6,090,800	6,396,760	6,542,415	7,206,575	3,942,210
Boulder-----	10,278,710	10,880,210	11,009,720	11,971,220	8,726,800
Chaffee-----	1,368,195	1,411,485	1,422,635	1,428,500	1,275,335
Cheyenne-----	7,877,170	7,878,575	9,664,170	13,228,595	4,442,677
Clear Creek-----	334,405	395,530	423,950	309,815	107,510
Conejos-----	4,394,140	4,354,680	4,351,970	4,532,364	4,240,655
Costilla-----	2,670,950	2,701,045	2,739,160	2,966,242	3,150,750
Crowley-----	4,946,033	5,339,385	5,310,870	6,108,970	4,669,539
Custer-----	1,440,525	1,439,420	1,518,265	1,223,170	1,088,206
Delta-----	5,043,125	5,184,940	5,141,150	8,152,925	6,721,485
Denver-----	3,714,910	4,045,340	3,915,860	3,617,390	3,858,530
Dolores-----	811,653	676,820	661,575	277,415	71,848
Douglas-----	3,281,495	3,271,450	3,513,300	4,179,510	2,628,305
Eagle-----	2,176,172	2,151,336	2,114,878	1,873,775	1,602,427
Elbert-----	8,513,870	9,618,963	9,615,259	11,706,966	5,551,416
El Paso-----	7,554,450	8,718,520	8,765,190	11,096,370	6,124,770
Fremont-----	3,494,180	3,531,433	3,476,156	3,254,630	3,215,976
Garfield-----	5,148,460	5,185,805	5,192,570	5,232,570	4,883,820
Gilpin-----	87,618	89,625	89,963	54,273	47,808
Grand-----	1,853,890	1,879,365	1,944,500	1,599,980	1,102,450
Gunnison-----	2,459,059	2,435,210	2,391,175	2,160,525	2,014,878
Hinsdale-----	120,679	85,970	96,360	79,425	38,083
Huerfano-----	2,466,652	2,609,999	2,755,761	2,231,420	1,699,296
Jackson-----	1,541,700	1,555,750	1,553,270	2,727,695	1,468,864
Jefferson-----	7,562,040	10,686,670	10,011,385	10,013,595	8,069,735
Kiowa-----	7,988,890	8,238,510	8,705,050	10,179,094	3,413,286
Kit Carson-----	12,248,283	12,541,358	15,236,010	20,453,265	5,679,205
Lake-----	174,230	176,545	175,815	193,530	172,825
La Plata-----	3,795,810	3,974,335	4,025,950	3,927,655	3,298,920
Larimer-----	12,818,790	13,282,070	14,461,700	16,959,870	11,923,983
Las Animas-----	9,374,230	9,182,098	9,151,761	6,835,416	5,017,713
Lincoln-----	10,598,070	12,705,860	12,956,825	16,343,285	5,315,710
Logan-----	14,684,910	14,922,105	15,122,970	22,884,010	7,885,974
Mesa-----	9,290,110	9,390,730	9,298,370	9,979,585	10,159,695
Mineral-----	175,110	173,260	183,110	162,875	138,635
Moffat-----	3,320,210	3,373,180	3,390,925	2,424,190	1,198,940
Montezuma-----	2,689,065	2,662,455	2,724,670	2,310,452	1,951,590
Montrose-----	4,429,575	4,483,638	4,464,595	7,298,220	5,872,205
Morgan-----	10,409,740	10,863,300	10,883,840	12,371,500	5,313,540
Otero-----	8,566,595	9,309,264	9,293,280	11,136,010	8,733,185
Ouray-----	994,893	1,013,888	1,011,270	1,320,604	724,900
Park-----	2,170,700	2,154,350	2,139,620	1,570,285	1,381,540
Phillips-----	9,767,105	9,825,830	9,833,285	11,735,765	3,776,655
Pitkin-----	1,049,895	1,058,490	1,044,442	1,038,980	934,290
Prowers-----	9,880,170	10,376,560	10,422,375	11,796,415	7,483,880
Pueblo-----	8,975,125	9,903,075	9,895,960	9,169,292	7,739,328
Rio Blanco-----	2,601,200	2,610,800	2,841,135	2,707,495	2,107,221
Rio Grande-----	5,002,467	4,803,465	4,797,747	5,344,250	3,577,850
Routt-----	4,430,550	4,675,600	4,571,080	4,682,835	3,009,790
Saguache-----	3,986,452	4,126,793	4,189,344	4,726,651	4,473,019
San Juan-----	1,280	1,280	1,280	1,280	1,280
San Miguel-----	1,087,810	1,144,445	1,187,160	1,094,880	735,710
Sedgwick-----	6,107,975	6,126,305	6,106,825	7,047,526	3,009,920
Summit-----	354,345	352,775	361,023	303,300	188,232
Teller-----	521,770	531,570	535,670	420,900	275,100
Washington-----	9,754,564	11,036,811	12,918,793	24,176,680	6,306,191
Weld-----	40,962,382	43,018,520	43,184,680	56,135,660	32,081,740
Yuma-----	15,830,760	16,140,050	16,289,490	17,065,095	4,990,032
State-----	\$363,520,306	\$383,811,664	\$392,956,080	\$460,417,978	\$262,693,260

AVERAGE VALUE OF IRRIGATED AND DRY FARMING LAND PER ACRE AS RETURNED
ANNUALLY BY COUNTY ASSESSORS FOR 1914, 1920, 1929, 1930

COUNTY	IRRIGATED LAND				DRY FARMING LAND			
	1930	1929	1920	1914	1930	1929	1920	1914
Adams-----	\$ 90.41	\$ 92.58	\$ 92.94	\$ 77.78	\$ 11.17	\$ 11.49	\$ 13.76	\$ 15.67
Alamosa-----	35.00	40.00	48.00	13.44	15.00	15.00	15.00	-----
Arapahoe-----	111.15	142.50	126.09	99.52	10.20	9.99	13.50	12.74
Archuleta-----	40.47	40.46	41.35	24.74	10.33	9.87	10.21	7.44
Baca-----	12.50	12.50	25.00	-----	6.25	6.25	5.42	-----
Bent-----	77.21	78.94	110.96	65.04	7.16	11.30	15.00	-----
Boulder-----	103.13	103.63	113.09	71.42	33.60	33.29	36.05	-----
Chaffee-----	44.08	47.28	56.93	52.31	-----	-----	-----	-----
Cheyenne-----	-----	-----	-----	-----	8.29	8.26	12.67	-----
Clear Creek-----	-----	-----	-----	-----	-----	-----	-----	-----
Conejos-----	45.00	44.97	45.00	36.22	-----	-----	-----	-----
Costilla-----	29.15	29.37	30.00	21.69	3.00	3.00	10.00	-----
Crowley-----	85.39	90.11	89.32	87.77	8.98	9.16	20.53	18.93
Custer-----	30.07	30.08	40.00	34.16	14.83	13.05	20.88	-----
Delta-----	64.25	67.04	89.09	76.00	16.63	17.05	24.74	-----
Denver-----	626.67	708.92	481.10	481.77	-----	-----	-----	-----
Dolores-----	17.36	20.00	20.00	18.00	6.46	9.51	10.01	-----
Douglas-----	75.16	75.64	79.03	45.70	15.90	15.96	18.09	10.22
Eagle-----	65.08	64.80	69.89	71.33	30.65	32.98	-----	-----
Elbert-----	-----	-----	46.06	40.00	11.84	14.44	16.54	6.01
El Paso-----	75.00	75.00	75.00	78.00	11.74	12.28	13.96	12.00
Fremont-----	77.62	80.56	66.94	76.68	8.94	9.24	8.74	9.46
Garfield-----	70.54	70.14	70.73	71.70	19.90	19.63	15.89	17.22
Gilpin-----	-----	-----	-----	-----	-----	-----	-----	-----
Grand-----	34.81	34.93	35.67	20.00	-----	-----	-----	-----
Gunnison-----	41.54	42.55	46.76	34.07	15.61	15.60	-----	-----
Hinsdale-----	24.44	17.00	14.00	10.94	-----	-----	-----	-----
Huerfano-----	42.89	43.58	38.20	31.94	7.20	7.13	7.00	-----
Jackson-----	-----	-----	29.77	15.00	10.00	-----	-----	-----
Jefferson-----	103.10	98.71	148.00	150.32	21.69	21.74	33.00	25.00
Kiowa-----	-----	-----	-----	-----	8.85	9.34	-----	-----
Kit Carson-----	31.99	30.46	75.00	20.00	11.12	11.44	17.78	4.00
Lake-----	-----	-----	-----	-----	-----	-----	-----	-----
La Plata-----	42.66	42.22	45.95	49.40	15.33	15.15	16.83	18.28
Larimer-----	94.50	94.56	131.00	72.06	17.50	17.50	24.96	13.83
Las Animas-----	52.51	51.91	59.00	48.22	10.00	10.13	20.00	16.38
Lincoln-----	-----	-----	-----	-----	8.67	10.43	13.11	-----
Logan-----	71.28	71.00	82.79	45.65	14.31	14.76	26.01	9.92
Mesa-----	68.54	68.17	77.93	94.53	-----	-----	-----	-----
Mineral-----	14.24	13.85	11.35	17.78	-----	-----	-----	-----
Moffat-----	36.21	37.23	49.54	37.55	10.48	10.18	12.04	15.40
Montezuma-----	35.18	34.86	37.70	37.00	14.95	15.00	15.04	17.00
Montrose-----	48.93	48.42	71.51	55.08	15.42	16.27	18.07	15.14
Morgan-----	78.35	78.35	93.02	49.54	9.70	10.71	13.84	14.47
Otero-----	87.19	92.52	122.48	100.47	12.24	12.55	15.82	14.48
Ouray-----	49.51	50.63	68.29	40.15	10.00	10.00	12.50	16.23
Park-----	-----	-----	-----	-----	15.00	15.00	15.00	15.00
Phillips-----	-----	-----	-----	-----	25.83	23.96	31.30	7.49
Pitkin-----	51.33	48.17	58.08	53.97	10.00	20.00	22.92	24.00
Prowers-----	63.67	67.87	86.78	59.75	5.10	5.18	26.65	-----
Pueblo-----	94.72	96.10	98.82	102.49	15.43	16.64	16.81	15.56
Rio Blanco-----	59.64	60.00	67.45	64.95	14.62	15.74	22.43	27.63
Rio Grande-----	64.00	59.77	87.40	39.18	-----	-----	24.00	-----
Routt-----	45.03	49.50	41.58	38.01	19.92	20.23	27.22	19.90
Saguache-----	44.00	44.00	39.53	42.00	-----	-----	-----	-----
San Juan-----	-----	-----	-----	-----	-----	-----	-----	-----
San Miguel-----	35.65	36.50	40.00	34.50	13.07	19.12	24.00	21.00
Sedgwick-----	76.16	76.08	63.61	43.06	21.55	21.72	29.16	8.00
Summit-----	35.00	35.00	35.00	24.92	-----	-----	-----	-----
Teller-----	-----	-----	-----	-----	9.73	10.01	10.18	10.00
Washington-----	60.58	63.82	117.94	70.00	7.06	8.01	17.86	6.74
Weld-----	85.18	86.05	110.64	72.20	10.35	10.39	13.75	11.05
Yuma-----	38.70	42.26	61.00	22.21	18.85	19.36	21.00	6.12
State-----	\$ 70.92	\$ 72.52	\$ 83.52	\$ 62.11	\$ 10.84	\$ 11.38	\$ 16.16	\$ 8.91

**AVERAGE VALUE OF GRAZING AND NATURAL HAY LAND PER ACRE AS RETURNED
ANNUALLY BY COUNTY ASSESSORS FOR 1914, 1920, 1929, 1930**

COUNTY	GRAZING LAND				NATURAL HAY LAND			
	1930	1929	1920	1914	1930	1929	1920	1914
Adams-----	\$ 6.91	\$ 7.44	\$ 9.20	\$ 5.33	\$21.31	\$21.90	-----	-----
Alamosa-----	2.40	2.34	4.35	5.08	30.00	30.00	\$30.00	\$18.00
Arapahoe-----	4.75	5.04	8.10	4.91	-----	-----	-----	-----
Archuleta-----	3.00	2.74	3.42	2.41	29.48	32.13	-----	-----
Baca-----	3.45	3.45	3.25	3.12	-----	-----	-----	-----
Bent-----	2.87	2.99	5.05	6.81	-----	-----	-----	-----
Boulder-----	8.46	8.58	9.49	10.37	-----	-----	17.71	-----
Chaffee-----	3.52	3.42	4.53	4.05	-----	-----	-----	-----
Cheyenne-----	4.01	3.90	-----	5.00	-----	-----	-----	-----
Clear Creek-----	10.17	10.40	9.15	4.04	-----	-----	-----	-----
Conejos-----	1.89	1.84	3.07	5.00	20.00	20.00	22.06	25.00
Costilla-----	3.00	3.00	3.00	1.80	20.00	20.00	20.00	20.00
Crowley-----	3.82	4.26	4.66	9.74	-----	-----	-----	-----
Custer-----	3.04	3.07	4.23	4.45	40.00	39.95	-----	41.17
Delta-----	4.09	4.41	3.09	11.65	-----	-----	-----	-----
Denver-----	-----	-----	-----	-----	-----	-----	-----	-----
Dolores-----	2.72	2.85	4.50	4.96	-----	-----	-----	10.00
Douglas-----	4.14	4.15	6.16	5.94	37.77	37.85	50.04	28.02
Eagle-----	4.08	3.72	4.18	2.79	-----	-----	-----	-----
Elbert-----	5.41	5.63	7.03	5.59	41.43	44.37	37.30	24.90
El Paso-----	4.49	5.00	8.99	5.95	46.50	46.50	46.50	35.00
Fremont-----	3.48	3.62	4.15	4.10	35.00	35.00	35.00	28.00
Garfield-----	2.98	2.99	2.52	1.30	-----	-----	-----	-----
Gilpin-----	3.07	3.19	3.00	3.00	-----	-----	-----	-----
Grand-----	3.14	3.19	3.47	4.92	-----	-----	-----	-----
Gunnison-----	3.02	3.22	4.13	3.34	-----	-----	-----	-----
Hinsdale-----	3.00	3.21	3.71	2.15	-----	-----	-----	-----
Huerfano-----	2.62	2.76	4.00	3.01	36.82	37.60	-----	-----
Jackson-----	2.11	2.19	4.86	2.02	15.00	15.00	-----	-----
Jefferson-----	6.46	6.54	7.07	6.00	-----	-----	-----	-----
Kiowa-----	4.39	4.49	10.60	4.37	-----	-----	-----	-----
Kit Carson-----	3.04	2.87	8.45	3.47	22.36	27.30	37.08	10.00
Lake-----	4.95	5.16	7.16	6.41	11.01	12.00	-----	-----
La Plata-----	3.52	3.54	3.90	4.60	-----	-----	-----	-----
Larimer-----	3.12	3.20	3.81	3.66	20.00	20.00	25.00	26.00
Las Animas-----	2.96	2.86	4.60	4.74	24.71	23.19	31.00	28.23
Lincoln-----	4.49	5.35	8.65	5.01	28.96	28.69	29.01	-----
Logan-----	3.50	3.50	7.84	4.46	22.50	22.50	25.54	-----
Mesa-----	4.39	4.47	5.82	6.22	-----	-----	-----	-----
Mineral-----	4.94	4.96	5.00	4.02	24.88	25.00	25.00	25.00
Moffat-----	2.63	2.66	4.76	5.98	25.63	25.70	-----	-----
Montezuma-----	3.11	3.48	3.01	3.99	-----	-----	-----	-----
Montrose-----	3.08	3.25	4.04	3.84	-----	-----	-----	-----
Morgan-----	3.93	4.43	6.09	4.04	23.50	23.50	23.51	16.16
Otero-----	2.86	2.86	4.22	4.74	-----	-----	-----	-----
Ouray-----	3.50	3.54	4.00	3.85	12.00	12.00	10.35	-----
Park-----	2.79	2.78	3.42	3.18	37.00	37.41	37.16	36.36
Phillips-----	3.24	3.24	9.14	-----	-----	-----	-----	-----
Pitkin-----	3.24	3.45	3.15	2.51	-----	-----	-----	-----
Prowers-----	2.27	3.29	5.26	3.15	22.37	21.52	30.32	27.72
Pueblo-----	3.74	3.85	4.03	3.35	-----	-----	-----	-----
Rio Blanco-----	2.95	2.90	4.60	4.33	39.77	41.90	38.96	48.95
Rio Grande-----	3.00	3.00	6.08	5.46	18.00	22.00	32.50	-----
Routt-----	3.22	3.28	6.00	5.15	-----	-----	-----	28.88
Saguache-----	3.75	4.09	5.10	2.32	23.50	25.00	28.10	18.00
San Juan-----	6.40	6.40	6.40	6.40	-----	-----	-----	-----
San Miguel-----	3.32	3.41	4.96	5.49	-----	-----	-----	-----
Sedgwick-----	4.63	4.80	5.00	4.00	18.56	18.19	15.25	15.18
Summit-----	3.75	3.75	3.75	3.76	-----	-----	-----	-----
Teller-----	2.18	2.09	2.16	2.01	15.50	16.20	15.38	14.95
Washington-----	3.73	3.82	9.80	-----	-----	-----	-----	16.00
Weld-----	3.06	3.69	5.93	4.45	17.59	17.68	24.50	18.47
Yuma-----	3.55	3.60	5.50	2.71	26.76	29.41	29.00	-----
State-----	\$ 3.48	\$ 3.63	\$ 5.87	\$ 4.41	\$23.95	\$24.68	\$29.25	\$23.78

Colorado Livestock

THE estimated number of livestock in Colorado on January 1, 1931, compared with January 1, 1930, shows an increase of swine, farm and range sheep, range cattle, and cattle on feed; the same number of dairy cows and a decreased number of sheep and lambs on feed. Colorado livestock on January 1, 1931, were valued at \$88,746,000, compared with \$119,930,000 on January 1, 1930, and \$127,399,000 on January 1, 1929. The average value per head of every class of livestock on January 1, 1931, was lower than on January 1, 1930.

Cattle—The total number of cattle and calves in Colorado (beef and dairy) is estimated at 1,396,000 head, an increase of 5 per cent from the 1,330,000 on hand a year ago. This is a reduction of 361,000 from the 1,757,000 head on January 1, 1920. Colorado cattle and calves were valued at \$52,872,000 on January 1, 1931, compared with \$67,395,000 on January 1, 1930, and \$72,802,000 on January 1, 1929. Milk cows have shown no increase in numbers since 1929 because of the unfavorable prices generally prevailing for dairy products. Colorado has about 355,000 cattle of milk and dairy types, of which 244,000 are milk cows. Beef cattle showed a slight increase in 1930, with a larger number of cattle on feed January 1, 1931, than the year before. Colorado has about 1,041,000 beef cattle. The 1930 marketings of cattle and calves were about 507,000, of which 458,000 were cattle and 49,000 were calves. In 1929 585,000 cattle and calves were marketed, of which 530,000 were cattle and 55,000 calves. In 1928, 584,000 cattle and calves were marketed, of which 526,000 were cattle and 58,000 were calves.

Sheep—The Colorado sheep population on January 1, 1931, was 3,047,000 head, compared with 3,495,000 sheep and lambs on hand January 1, 1930, and 2,980,000 on January 1, 1929. Colorado sheep and lambs on January 1, 1931, were valued at \$16,844,000, compared with \$31,407,000 the previous year and \$31,553,000 on January 1, 1929. The number of farm and range sheep was estimated at 1,577,000 head on January 1, 1931, or an 8 per cent increase over the 1,460,000 on farms January 1, 1930, and compares with 1,380,000 on January 1, 1929. Stock sheep have

shown a steady gain since 1922, when Colorado had 900,000 head. The 1930 Colorado lamb crop was 1,000,000 head, compared with 936,000 in 1929 and 896,000 in 1928. The number of lambs saved per 100 ewes one year old and over on hand January 1, was 85 in 1930, compared with 78 in 1929. On January 1, 1931, Colorado had 1,470,000 sheep and lambs on feed. This compares with 2,035,000 head a year ago, which was the largest number on record, and 1,520,000 head two years ago.

Wool—Colorado wool clip in 1930 was estimated at 10,800,000 pounds; in 1929 at 9,979,000 pounds. Fleeces in 1930 averaged 7.5 pounds, and in 1929, 7.2 pounds.

Swine—Colorado swine, including pigs, were estimated at 520,000 head on January 1, 1931, compared with 495,000 on January 1, 1930, and 550,000 on January 1, 1929. On January 1, 1931, swine were valued at \$5,769,000, compared with \$5,943,000 on January 1, 1930, and \$6,630,000 on January 1, 1929. Marketings and local slaughter of hogs and pigs in 1930 amounted to 554,000 head, compared with 555,000 head in 1929 and 485,000 head in 1928. The June, 1930, pig survey indicated that about 95 per cent as many sows were farrowed as in the spring of 1929 but with an average of 5.6 pigs saved per litter, compared with 5.3 pigs per litter in the spring of 1929, making the total pig crop 99.3 per cent of the spring crop in 1929. The pig survey in the fall of 1930 showed that 117.5 per cent as many sows were farrowed as in the fall of 1929, with an average of 5.8 pigs saved per litter, compared with 5.6 in the fall of 1929 and 5.6 per litter in the spring of 1930. This indicated that 120.4 per cent as many pigs were saved in the fall of 1930 as in the fall of 1929. The survey also indicated that the number of sows bred for next spring's farrowing is 141.1 per cent of the number farrowed in the spring of 1930.

Horses—Horse numbers are declining each year, and it was estimated 287,000 horses and colts were on farms and ranches on January 1, 1931, compared with 299,000 on January 1, 1930, and 308,000 on January 1, 1929. On January 1, 1920, Colorado had 421,000 horses and colts. January 1, 1931, horses and colts were valued at \$11,-

782,000, compared with \$13,427,000 on January 1, 1930; \$14,564,000 on January 1, 1929, and \$33,375,000 on January 1, 1920.

CATTLE AND SHEEP FEEDING

Cattle Feeding—Cattle feeding is an important part of the agriculture in the irrigated sections of northern Colo-

rado, the Arkansas valley and the Western Slope. The feeding of cattle provides an outlet for by-products from the sugar-beet factories, surplus alfalfa hay, grains and other feeds.

It is estimated that there were 131,000 cattle and calves on feed for market January 1, 1931, compared with 125,000 on January 1, 1930.

Estimated Number of Cattle on Feed by Sections

	1931	1930	1929	1928	1927	1926
Northern Colorado.....	110,000	105,000	120,000	120,000	130,000	100,000
Arkansas Valley.....	14,000	14,000	13,000	12,000	12,000	12,000
Western Slope.....	3,000	3,000	3,000	4,000	4,000	4,000
Other Sections.....	4,000	3,000	4,000	4,000	4,000	4,000
State Total.....	131,000	125,000	140,000	140,000	150,000	120,000

Lamb Feeding—Colorado is the leading lamb feeding state and had 1,470,000 lambs on feed January 1, 1931, compared with 2,035,000 on January 1, 1930, and 1,520,000 on January 1, 1929.

On January 1, 1931, Colorado had 28 per cent of the lambs on feed in the United States.

Northern Colorado and the Arkansas valley are the leading lamb feeding areas, with smaller operations in the San Luis valley and Western Slope sections.

During the past 10 years northern Colorado has averaged about 1,100,000 lambs on feed. Larimer and Weld counties are the leading counties in lamb feeding, each county having fed annually from 400,000 to 500,000 lambs. This is a larger number than is fed in any Corn Belt state except Nebraska.

Lamb feeding operations have in-

creased during the past few years in the Fort Morgan-Sterling section of northeastern Colorado.

ESTIMATED NUMBER OF SHEEP AND LAMBS ON FEED JANUARY 1

Year	Colorado Number	Percent of total in U. S.	U. S. Number
1914	1,300,000	.....	.....
1915	1,116,000	.....	.....
1916	1,150,000	.....	.....
1917	1,250,000	.....	.....
1918	1,135,000	.....	.....
1919	940,000	.....	.....
1920	950,000	.....	.....
1921	1,283,000	.....	.....
1922	1,040,000	.....	.....
1923	1,500,000	35.1%	4,265,000
1924	1,400,000	33.1%	4,229,000
1925	1,600,000	39.9%	4,007,000
1926	1,475,000	31.9%	4,621,000
1927	770,000	18.0%	4,259,000
1928	1,580,000	35.4%	4,463,000
1929	1,520,000	31.6%	4,822,000
1930	2,035,000	34.5%	5,886,000
1931	1,470,000	28.7%	5,109,000

Note—United States estimates were not made prior to Jan. 1, 1923.

ESTIMATED NUMBER OF SHEEP AND LAMBS ON FEED JANUARY 1 EACH YEAR; BY SECTIONS

Year	Northern Colorado	Arkansas Valley	San Luis Valley	Western Slope	State Total
1922	760,000	225,000	30,000	25,000	1,040,000
1923	1,175,000	235,000	65,000	25,000	1,500,000
1924	1,150,000	170,000	55,000	25,000	1,400,000
1925	1,250,000	265,000	60,000	25,000	1,600,000
1926	1,090,000	285,000	75,000	25,000	1,475,000
1927	520,000	177,000	54,000	19,000	770,000
1928	1,265,000	275,000	30,000	10,000	1,580,000
1929	1,100,000	385,000	22,000	13,000	1,520,000
1930	1,490,000	475,000	45,000	25,000	2,035,000
1931	945,000	360,000	80,000	70,000	1,470,000

Note—1931 estimate includes 15,000 for miscellaneous sections.

SHEEP AND LAMBS ON JANUARY 1 EACH YEAR

COLORADO				UNITED STATES		
Year	All Sheep and Lambs	Sheep and Lambs on Feed	Range and Farm Sheep and Lambs	All Sheep and Lambs	Sheep and Lambs on Feed	Range and Farm Sheep and Lambs
1923	2,449,000	1,500,000	949,000	36,212,000	4,265,000	31,947,000
1924	2,327,000	1,400,000	927,000	36,876,000	4,229,000	32,647,000
1925	2,565,000	1,600,000	965,000	38,112,000	4,007,000	34,105,000
1926	2,537,000	1,475,000	1,062,000	39,730,000	4,621,000	35,109,000
1927	1,938,000	770,000	1,168,000	41,881,000	4,259,000	37,622,000
1928	2,960,000	1,580,000	1,380,000	44,795,000	4,463,000	40,332,000
1929	2,980,000	1,520,000	1,460,000	47,704,000	4,822,000	42,882,000
1930	3,495,000	2,035,000	1,460,000	50,503,000	5,886,000	44,617,000
1931	3,047,000	1,470,000	1,577,000	51,911,000	5,109,000	46,802,000

RECORD LIVESTOCK RECEIPTS AT DENVER

LARGEST RECEIPTS FOR ONE DAY

Cattle—November 17, 1924.....	28,351
Hogs—January 16, 1928.....	10,646
Sheep—October 14, 1929.....	99,511
Horses and Mules—July 6, 1900.....	1,274
Cars—November 17, 1924.....	941

LARGEST RECEIPTS FOR ONE WEEK

Cattle—October 31, 1927.....	57,038
Hogs—January 31, 1928.....	35,167
Sheep—October 31, 1924.....	290,182
Horses and Mules—June 30, 1915.....	3,713
Cars—October 31, 1927.....	2,587

LARGEST RECEIPTS FOR ONE MONTH

Cattle—November, 1919.....	136,039
Hogs—January, 1928.....	84,359
Sheep—October, 1929.....	837,367
Horses and Mules—June, 1915.....	12,383
Cars—October, 1929.....	6,992

LARGEST RECEIPTS FOR ONE YEAR

Cattle	1919....	823,727
Hogs	1924.....	569,038
Sheep	1925....	2,357,010
Horses and Mules.....	1915....	71,870
Cars	1919....	38,918

ESTIMATED CREAMERY BUTTER PRODUCTION

Year	Colorado Pounds	United States Pounds
1930	22,083,000	1,537,765,000
1929	21,924,000	1,597,027,000
1928	21,614,000	1,487,049,000
1927	20,871,000	1,496,495,000
1926	18,255,000	1,451,766,000
1925	18,794,000	1,361,526,000
1924	18,130,000	1,356,080,000
1923	18,625,000	1,242,214,000
1922	16,410,000	1,153,515,000
1921	15,290,000	1,054,938,000
1920	12,979,000	863,577,000
1919	13,144,000	868,125,000

NUMBERS AND VALUE OF LIVESTOCK, COLORADO AND THE UNITED STATES, 1920 AND 1931

	NUMBERS					
	Horses	Mules	Cattle	Sheep	Swine	All Animals
United States:						
Number, 1920----	19,848,000	5,475,000	68,871,000	40,243,000	59,813,000	194,250,000
Number, 1931----	12,803,000	5,131,000	58,955,000	51,911,000	52,323,000	181,123,000
1931, % of 1920	64.5%	93.7%	85.6%	129%	87.5%	93.2%
Colorado:						
Number, 1920----	421,000	31,000	1,757,000	1,964,000	450,000	4,623,000
Number, 1931----	287,000	29,000	1,396,000	3,047,000	520,000	5,279,000
1931, % of 1920	68%	93.5%	79%	155%	115.6%	114%
	VALUES					
United States:						
Value, 1920-----	\$1,915,653,000	\$812,828,000	\$3,641,025,000	\$408,586,000	\$1,199,406,000	\$7,977,498,000
Value, 1931-----	785,624,000	351,994,000	2,340,921,000	277,708,000	610,200,000	4,366,447,000
1931, % of 1920	41%	43.3%	64.3%	68%	50.9%	54.7%
Colorado:						
Value, 1920-----	\$ 33,375,000	\$ 3,170,000	\$ 89,318,000	\$ 18,973,000	\$ 8,100,000	\$ 152,936,000
Value, 1931-----	11,782,000	1,479,000	52,872,000	16,844,000	5,769,000	88,746,000
1931, % of 1920	35%	47%	59%	89%	71%	58%

EXPLANATION—This table pictures the effect of low market prices on the total value of farm animals. The total number of horses, mules, cattle, sheep and swine on the farms of the United States in January, 1931, was 93.2 per cent of the total in January, 1920, but the actual value was only 54.7 per cent of the 1920 value. For Colorado the number in 1931 was 114 per cent of the number in 1920, but the value was only 58 per cent of the aggregate 1920 value.

**ESTIMATED NUMBERS AND VALUES OF LIVESTOCK ON FARMS ON JANUARY 1,
INCLUDING FEDERAL CENSUS FOR 1910, 1920 AND 1925**

HORSES AND COLTS

YEAR	COLORADO				UNITED STATES			
	Numbers		Values, Dollars		Numbers		Values, Dollars	
	Per Cent Preced'g Year	Total Number	Per Head	Aggregate	Per Cent Preced'g Year	Total Number	Per Head	Aggregate
1910	----	*294,000	\$93.13	\$27,380,000	----	*19,833,000	\$108.00	\$2,142,524,000
1920	----	*421,000	79.00	33,375,000	----	19,848,000	97.62	1,915,653,000
1921	100.0	421,000	63.00	26,612,000	96.4	19,134,000	84.56	1,618,120,000
1922	98.6	415,000	55.75	23,133,000	97.0	18,564,000	71.18	1,321,396,000
1923	96.4	400,000	48.00	19,229,000	96.6	17,943,000	70.64	1,267,624,000
1924	96.2	385,000	44.80	17,248,000	95.9	17,222,000	65.47	1,127,619,000
1925	95.3	*367,000	43.00	15,621,000	95.2	16,470,000	64.29	1,058,912,000
1926	95.9	352,000	47.00	16,373,000	96.0	15,830,000	65.60	1,036,843,000
1927	97.0	331,000	44.00	14,461,000	96.5	15,133,000	64.14	970,703,000
1928	98.0	324,000	43.00	13,841,000	95.7	14,495,000	67.18	973,300,000
1929	95.0	308,000	47.00	14,564,000	95.9	13,905,000	70.21	976,300,000
1930	97.0	299,000	44.91	13,427,000	96.1	13,364,000	70.69	944,709,000
1931	96.0	287,000	41.05	11,782,000	95.8	12,803,000	61.36	785,624,000

MULES AND MULE COLTS

1910	----	*14,700	\$122.03	\$1,799,000	----	*4,210,000	\$120.20	\$506,049,000
1920	----	*31,000	102.26	3,170,000	----	5,475,000	148.46	812,828,000
1921	103.0	32,000	90.00	2,912,000	102.0	5,586,000	117.52	656,455,000
1922	106.2	34,000	70.00	2,380,000	100.9	5,638,000	89.14	502,563,000
1923	106.0	36,000	62.00	2,228,000	101.1	5,702,000	87.17	497,044,000
1924	105.5	38,000	61.00	2,314,000	100.5	5,730,000	85.90	492,209,000
1925	102.6	*39,000	57.00	2,225,000	100.01	5,725,000	82.24	473,646,000
1926	100.0	38,000	59.00	2,243,000	100.3	5,740,000	81.49	467,760,000
1927	97.0	36,000	55.00	1,996,000	98.5	5,652,000	74.57	421,467,000
1928	92.0	33,000	56.00	1,845,000	97.4	5,504,000	79.82	439,300,000
1929	97.0	32,000	58.00	1,850,000	97.9	5,390,000	82.34	443,839,000
1930	97.0	31,000	57.00	1,758,000	97.9	5,279,000	82.97	438,019,000
1931	94.0	29,000	51.00	1,479,000	97.2	5,131,000	68.61	351,994,000

COWS AND HEIFERS 2 YEARS OLD AND OVER KEPT FOR MILK

1910	----	*145,000	†-----	†-----	----	20,625,000	\$35.29	\$ 727,802,000
1920	----	*202,000	\$87.00	\$17,574,000	----	21,427,000	81.51	1,746,412,000
1921	100.0	202,000	70.00	14,140,000	99.9	21,408,000	61.19	1,309,892,000
1922	101.9	206,000	57.00	11,742,000	101.7	21,788,000	48.68	1,060,574,000
1923	101.4	209,000	53.00	11,077,000	101.2	22,063,000	48.67	1,073,880,000
1924	103.8	217,000	50.00	10,850,000	100.8	22,255,000	49.94	1,111,510,000
1925	103.2	*224,000	45.00	10,080,000	101.1	22,498,000	48.39	1,088,597,000
1926	100.0	224,000	50.00	11,200,000	101.7	22,188,000	55.02	1,220,764,000
1927	107.1	240,000	56.00	13,440,000	98.2	21,801,000	59.58	1,299,004,000
1928	101.0	242,000	71.00	17,182,000	101.1	21,828,000	73.93	1,613,939,000
1929	101.0	244,000	77.00	18,788,000	100.4	21,919,000	84.63	1,855,080,000
1930	100.0	244,000	72.00	17,568,000	102.4	22,443,000	83.43	1,872,358,000
1931	100.0	244,000	56.00	13,664,000	102.4	22,975,000	57.57	1,322,666,000

HEIFERS 1 TO 2 YEARS OLD BEING KEPT FOR MILK COWS

1920	----	*44,000	----	----	----	4,418,000	----	----
1921	86.3	38,000	----	----	94.0	4,155,000	----	----
1922	115.8	44,000	----	----	95.5	3,968,000	----	----
1923	93.2	41,000	----	----	104.5	4,147,000	----	----
1924	102.4	42,000	----	----	99.7	4,137,000	----	----
1925	114.3	*48,000	----	----	101.4	4,195,000	----	----
1926	97.9	47,000	----	----	93.5	3,923,000	----	----
1927	102.1	48,000	----	----	103.4	4,059,000	----	----
1928	104.2	50,000	----	----	103.0	4,184,000	----	----
1929	102.0	51,000	----	----	105.4	4,413,000	----	----
1930	100.0	51,000	----	----	105.9	4,675,000	----	----
1931	100.0	51,000	----	----	100.3	4,688,000	----	----

Explanations: Numbers with one star (*) indicate the Federal census numbers for January 1, 1920 and 1925, and April 15, 1910. †Values 1910 milk cows included with other cattle.

ESTIMATED NUMBERS AND VALUES OF LIVESTOCK ON FARMS ON JANUARY 1,
INCLUDING FEDERAL CENSUS FOR 1910, 1920 AND 1925

ALL CATTLE AND CALVES

COLORADO					UNITED STATES			
Year	Numbers		Values, Dollars		Numbers		Values, Dollars	
	Per Cent Prec'd'g Year	Total Number	Per Head	Aggregate	Per Cent Prec'd'g Year	Total Number	Per Head	Aggregate
1910	----	*1,130,000	†\$27.50	†\$31,017,000	----	*61,803,000	\$24.50	\$1,513,063,000
1920	----	*1,757,000	50.83	89,318,000	----	68,871,000	52.87	3,641,025,000
1921	95.8	1,683,000	37.71	63,464,000	97.5	67,184,000	39.20	2,633,791,000
1922	99.8	1,680,000	30.10	50,578,000	100.1	67,264,000	30.55	2,064,933,000
1923	96.0	1,614,000	28.19	46,604,000	96.8	66,156,000	31.85	2,107,210,000
1924	95.4	1,540,000	28.26	43,531,000	97.5	64,507,000	32.34	2,086,285,000
1925	95.1	*1,465,000	26.20	38,894,000	96.3	61,996,000	31.95	1,980,542,000
1926	94.0	1,377,000	32.00	44,079,000	95.4	59,122,000	37.16	2,196,763,000
1927	103.0	1,418,000	36.20	51,320,000	96.1	56,832,000	40.29	2,289,551,000
1928	93.0	1,317,000	46.70	61,459,000	98.0	55,676,000	51.06	2,842,576,000
1929	100.0	1,317,000	55.30	72,802,000	101.4	56,467,000	59.15	3,340,182,000
1930	101.0	1,330,000	50.67	67,395,000	102.7	57,978,000	57.30	3,321,992,000
1931	105.0	1,396,000	37.87	52,872,000	101.7	58,955,000	39.71	2,340,921,000

ALL SHEEP AND LAMBS, INCLUDING SHEEP AND LAMBS ON FEED

1910	----	*1,426,000	\$ 4.80	\$ 6,856,000	----	*52,488,000	\$ 4.12	\$ 216,030,000
1920	----	*1,964,000	9.10	18,973,000	----	40,243,000	10.46	408,586,000
1921	110.6	2,247,000	5.40	12,221,000	96.0	38,690,000	6.28	235,855,000
1922	89.0	1,940,000	4.70	9,449,000	97.0	36,186,000	4.80	174,545,000
1923	114.0	2,449,000	7.40	18,514,000	102.5	36,212,000	7.53	279,464,000
1924	100.9	2,327,000	7.40	18,510,000	102.6	36,876,000	7.91	301,804,000
1925	106.0	*2,565,000	10.30	26,306,000	102.6	38,112,000	9.70	369,612,000
1926	99.0	2,537,000	10.50	26,704,000	104.2	39,730,000	10.51	417,630,000
1927	76.0	1,938,000	9.40	18,284,000	105.4	41,881,000	9.71	406,588,000
1928	152.7	2,960,000	9.60	28,350,000	107.0	44,795,000	10.24	458,854,000
1929	100.7	2,980,000	10.60	31,546,000	106.1	47,509,000	10.61	504,022,000
1930	117.3	3,495,000	8.98	31,407,000	106.3	50,503,000	8.92	450,684,000
1931	87.2	3,407,000	5.52	16,844,000	102.8	51,911,000	5.35	277,708,000

SWINE, INCLUDING PIGS

1910	----	*179,000	\$ 8.75	\$ 1,568,000	----	*58,186,000	\$ 9.17	\$ 533,309,000
1920	----	*450,000	18.00	8,100,000	----	59,813,000	20.00	1,199,406,000
1921	92.0	414,000	12.30	5,092,000	98.1	58,711,000	13.65	799,757,000
1922	109.9	455,000	9.60	4,368,000	101.0	59,355,000	10.59	630,935,000
1923	130.1	592,000	10.50	6,216,000	115.3	68,447,000	12.31	849,680,000
1924	97.1	575,000	9.67	5,428,000	96.3	65,937,000	10.30	683,766,000
1925	85.5	*493,000	11.00	5,423,000	84.5	55,568,000	13.20	733,742,000
1926	90.0	443,000	13.60	6,004,000	93.8	52,148,000	15.80	824,100,000
1927	100.0	443,000	16.00	7,073,000	105.0	54,788,000	17.25	945,012,000
1928	115.0	509,000	13.10	6,690,000	110.6	60,617,000	13.20	799,902,000
1929	108.0	550,000	12.10	6,630,000	93.8	56,880,000	13.00	739,255,000
1930	90.0	495,000	12.01	5,943,000	93.6	53,238,000	13.76	732,560,000
1931	105.0	520,000	11.09	5,769,000	98.3	52,323,000	11.66	610,200,000

TOTAL VALUE OF ALL LIVESTOCK JANUARY 1

Colorado		United States		Colorado		United States	
1910	-----\$ 68,620,000	\$4,910,975,000		1925	-----\$ 88,640,000	\$4,616,436,000	
1920	-----152,936,000	7,989,775,000		1926	-----95,403,000	4,943,096,000	
1921	-----110,301,000	5,950,904,000		1927	-----93,344,000	5,033,321,000	
1922	-----89,908,000	4,683,689,000		1928	-----112,185,000	5,414,464,000	
1923	-----92,851,000	4,994,239,000		1929	-----127,932,000	6,003,598,000	
1924	-----87,065,000	4,681,505,000		1930	-----119,930,000	5,887,964,000	
				1931	-----88,746,000	4,366,477,000	

Explanations: Numbers with one star (*) indicate the Federal census numbers for January 1, 1920 and 1925, and April 15, 1910. †Values 1910 milk cows included with other cattle.

COLORADO LIVESTOCK ASSESSMENTS

HORSES				MULES			RANGE CATTLE		
Year	Number	Assessed Value	Aver. Per Head	Number	Assessed Value	Aver. Per Head	Number	Assessed Value	Aver. Per Head
1910-----	246,975	\$7,506,000	\$30.39	14,277	\$ 524,559	\$36.74	720,297	-----	-----
1911-----	259,990	7,752,000	29.81	16,741	601,292	35.91	715,315	-----	-----
1912-----	255,511	7,254,000	28.38	16,821	600,442	35.69	701,542	-----	-----
1913-----	281,704	18,028,000	63.99	19,329	1,568,328	81.12	793,957	\$23,912,000	\$30.11
1914-----	279,826	18,211,000	65.05	19,635	1,669,737	85.03	868,261	30,167,000	34.73
1915-----	296,368	20,031,000	67.59	23,284	1,991,820	85.54	997,823	37,548,000	37.63
1916-----	308,062	21,729,000	70.54	26,280	2,303,481	87.64	1,063,153	41,864,000	39.38
1917-----	326,002	23,837,000	73.12	29,269	2,716,010	92.80	1,147,428	46,533,000	40.56
1918-----	352,794	26,836,000	76.05	29,838	2,843,990	95.31	1,262,616	55,236,000	43.75
1919-----	354,868	25,254,000	71.16	30,045	2,660,731	88.66	1,286,547	56,989,000	44.30
1920-----	337,903	22,856,000	67.65	28,682	2,476,076	86.33	1,187,480	51,334,000	42.38
1921-----	333,669	18,495,000	55.42	29,639	2,054,836	69.56	1,123,594	31,856,000	28.35
1922-----	318,808	15,350,168	48.15	31,741	1,787,269	56.31	1,112,299	29,719,000	26.72
1923-----	304,262	11,901,589	39.12	32,628	1,499,818	46.10	1,060,189	26,084,000	24.60
1924-----	290,784	10,722,327	36.87	35,325	1,495,797	42.34	972,984	20,619,000	21.20
1925-----	280,094	10,248,460	36.59	32,939	1,417,710	43.04	905,618	18,023,000	19.90
1926-----	268,346	9,634,799	35.90	31,653	1,335,301	42.19	828,797	17,095,126	20.62
1927-----	250,008	8,764,003	35.06	30,306	1,250,836	41.27	804,545	18,212,260	21.98
1928-----	239,759	8,207,666	34.23	26,189	1,116,295	42.63	796,725	23,622,220	29.64
1929-----	233,855	7,893,333	33.75	25,318	1,072,270	41.92	793,974	27,050,976	34.07
1930-----	225,609	7,294,217	32.33	21,994	917,187	41.70	800,178	27,312,372	34.13

DAIRY CATTLE				RANGE OR STOCK SHEEP			SWINE		
Year	Number	Assessed Value	Aver. Per Head	Number	Assessed Value	Aver. Per Head	Number	Assessed Value	Aver. Per Head
1910-----	63,671	-----	---	1,463,861	\$ 2,165,838	\$ 1.48	60,871	\$ 253,678	\$ 4.16
1911-----	70,996	-----	---	1,757,771	2,400,404	1.36	75,954	281,762	3.68
1912-----	66,273	-----	---	1,852,900	1,788,897	1.32	70,261	245,102	3.48
1913-----	73,768	\$3,324,000	\$45.06	1,579,560	4,776,626	3.02	83,859	630,919	7.52
1914-----	97,732	4,994,869	51.10	1,555,165	4,853,413	3.12	112,342	883,609	7.86
1915-----	101,037	5,786,218	57.26	1,157,544	4,032,950	3.48	163,143	1,183,742	7.25
1916-----	110,298	6,727,172	60.99	1,044,380	5,092,433	4.88	181,169	1,359,799	7.50
1917-----	124,342	7,919,512	63.69	1,003,168	7,182,427	7.16	165,329	1,630,154	9.86
1918-----	137,126	9,449,630	68.91	1,164,411	12,659,415	10.87	194,676	2,768,632	14.23
1919-----	143,106	10,170,007	71.06	1,089,037	11,386,972	10.46	199,988	2,955,440	15.14
1920-----	143,981	10,169,207	70.56	915,394	9,230,084	10.08	182,097	2,129,493	12.00
1921-----	145,070	7,981,591	55.02	855,873	3,216,728	3.76	175,064	1,619,044	9.37
1922-----	149,119	7,295,697	48.92	815,714	3,441,985	4.22	209,017	1,882,647	9.14
1923-----	143,163	6,245,287	43.62	830,483	4,390,920	5.57	259,917	2,211,060	8.61
1924-----	149,425	6,038,056	40.40	809,784	4,691,228	5.79	246,163	1,794,677	7.25
1925-----	147,411	5,789,318	39.27	860,600	6,188,636	7.19	183,176	1,450,864	7.92
1926-----	147,176	5,795,951	39.38	1,014,931	7,421,145	7.31	140,768	1,246,258	8.85
1927-----	162,268	6,467,821	39.86	1,212,716	9,028,761	7.45	164,058	1,637,001	9.98
1928-----	148,474	7,390,272	49.78	1,260,863	10,234,087	8.12	172,209	1,675,270	9.73
1929-----	177,856	8,505,365	47.82	1,436,385	10,644,536	7.41	184,530	1,802,999	9.77
1930-----	172,382	8,092,468	46.95	1,486,492	8,340,788	5.61	178,906	1,746,068	9.76

Note: The discrepancy between census and assessors' figures is less than appears from the totals, as enumerations are made at different seasons and not on an identical basis. In 1913 Colorado's assessment basis was raised from one-third of actual value to full value, accounting for the large increase in 1913 values.

CATTLE FED IN TRANSIT				SHEEP FED IN TRANSIT			
Year	Number	Assessed Value		Number	Assessed Value		
1916-----	47,292	\$ 927,860		767,468	\$ 591,870		
1917-----	77,211	1,149,145		946,166	929,650		
1918-----	78,651	1,447,860		806,560	1,420,495		
1919-----	84,907	1,643,400		656,455	1,151,155		
1920-----	73,163	1,286,830		666,810	929,150		
1921-----	77,813	1,077,590		1,029,242	679,600		
1922-----	82,430	685,255		762,872	730,805		
1923-----	83,248	581,495		1,187,399	1,115,046		
1924-----	85,829	708,895		1,137,349	1,135,710		
1925-----	92,357	760,645		1,370,479	1,485,635		
1926-----	96,495	928,495		1,311,481	1,270,847		
1927-----	122,462	1,156,235		678,984	883,156		
1928-----	101,377	1,239,890		1,392,935	1,660,625		
1929-----	127,500	1,839,000		1,582,282	1,760,968		
1930-----	123,823	1,274,389		1,863,330	1,424,824		

Note: Assessment made on April 1. Cattle Fed in Transit covers cattle in feed lots after January 1. Sheep Fed in Transit covers sheep and lambs in feed lots after January 1 and also some sheep on summer range.

HORSES IN COLORADO, 1929 AND 1930
(From Reports of County Assessors to the State Tax Commission)

COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams.....	5,946	\$ 209,830	\$35.29	5,772	\$ 203,530	\$35.26
Alamosa.....	1,647	92,475	56.15	1,656	97,580	58.93
Arapahoe.....	2,849	100,400	35.24	2,660	96,280	36.20
Archuleta.....	1,145	38,235	33.39	1,161	36,635	31.55
Baca.....	8,049	159,772	19.85	6,864	124,238	18.10
Bent.....	4,275	120,630	28.22	4,412	117,265	26.57
Boulder.....	3,875	159,460	41.15	3,473	141,440	40.73
Chaffee.....	877	41,540	47.37	921	38,120	41.39
Cheyenne.....	3,111	80,270	25.80	2,801	70,345	25.11
Clear Creek.....	190	7,275	38.30	124	5,125	41.33
Conejos.....	2,177	86,620	39.79	2,151	85,960	39.96
Costilla.....	1,346	49,980	37.14	1,345	47,665	35.44
Crowley.....	2,663	93,720	35.19	2,576	88,100	34.20
Custer.....	1,119	32,735	29.25	1,111	32,865	29.58
Delta.....	3,902	138,610	35.52	3,848	134,765	35.02
Denver.....	422	31,260	74.07	613	28,180	45.97
Dolores.....	413	12,295	29.77	464	10,950	23.60
Douglas.....	1,982	102,175	51.55	1,945	99,150	50.98
Eagle.....	2,323	97,290	41.88	2,348	88,965	37.89
Elbert.....	6,129	204,800	33.41	5,928	190,985	32.22
El Paso.....	5,038	148,560	29.49	4,670	138,360	29.63
Fremont.....	1,370	42,105	30.73	1,432	42,395	29.61
Garfield.....	4,842	184,725	38.15	4,691	193,685	41.29
Gilpin.....	158	5,325	33.70	125	3,735	29.88
Grand.....	2,301	68,375	29.72	2,201	59,070	26.84
Gunnison.....	2,671	104,020	38.94	2,528	99,190	39.24
Hinsdale.....	161	5,302	32.93	159	5,185	32.61
Huerfano.....	2,155	61,995	28.77	1,856	51,475	27.73
Jackson.....	2,517	47,050	18.69	2,580	50,440	19.55
Jefferson.....	2,050	97,790	32.06	2,912	96,645	33.19
Kiowa.....	1,153	46,120	40.00	1,110	44,360	39.96
Kit Carson.....	8,959	256,144	28.59	7,393	265,736	35.94
Lake.....	267	9,880	37.00	234	8,360	35.73
La Plata.....	3,139	95,905	30.55	2,931	83,005	28.32
Larimer.....	8,920	314,000	35.20	7,764	267,700	34.48
Las Animas.....	6,799	147,778	21.74	6,908	139,139	20.14
Lincoln.....	5,457	125,580	23.01	5,487	131,835	24.03
Logan.....	10,231	362,200	35.40	9,831	319,250	32.47
Mesa.....	5,420	190,535	36.15	5,510	200,655	36.41
Mineral.....	314	8,315	26.48	323	9,195	28.46
Moffat.....	5,291	97,390	18.41	5,284	104,380	19.75
Montezuma.....	2,387	75,285	31.54	2,315	67,875	29.32
Montrose.....	3,769	140,840	37.37	4,724	148,010	31.33
Morgan.....	8,331	308,010	37.00	8,187	269,310	32.90
Otero.....	5,695	199,595	35.05	5,557	188,445	33.91
Ouray.....	600	18,340	30.56	590	16,570	28.08
Park.....	1,791	71,520	39.93	1,643	58,860	35.83
Phillips.....	3,612	116,875	32.36	3,264	105,175	32.22
Pitkin.....	900	32,825	36.47	847	27,400	32.35
Prowers.....	9,008	254,439	28.25	8,814	185,516	21.05
Pueblo.....	4,210	162,295	38.55	4,405	155,295	35.25
Rio Blanco.....	2,753	87,375	31.73	2,660	88,115	33.13
Rio Grande.....	2,413	114,300	47.37	2,437	106,085	43.53
Routt.....	5,836	221,900	38.02	5,638	209,750	37.20
Saguache.....	2,581	83,885	32.50	2,415	80,918	33.50
San Juan.....	31	2,190	70.64	44	2,255	51.25
San Miguel.....	746	34,630	46.42	627	29,215	46.59
Sedgwick.....	3,004	126,145	41.99	2,506	98,440	39.28
Summit.....	440	17,600	40.00	465	17,670	38.00
Teller.....	643	25,535	39.71	689	19,450	28.23
Washington.....	9,493	236,133	24.87	8,728	218,945	25.09
Weld.....	23,006	972,130	42.26	22,000	848,670	38.58
Yuma.....	8,953	313,020	35.00	8,952	300,310	33.55
State.....	233,855	\$7,893,333	\$33.75	225,609	\$7,294,217	\$32.33

MULES IN COLORADO, 1929 AND 1930
(From Reports of County Assessors to the State Tax Commission)

COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams.....	432	\$ 15,570	\$36.04	352	\$ 13,540	\$38.46
Alamosa.....	164	11,800	71.96	147	10,675	72.62
Arapahoe.....	180	7,550	41.94	200	8,215	41.08
Archuleta.....	55	2,265	41.18	59	2,240	37.97
Baca.....	1,226	32,673	26.65	650	16,510	25.40
Bent.....	521	20,355	39.07	465	18,635	40.07
Boulder.....	376	19,990	53.16	382	19,580	51.26
Chaffee.....	14	385	27.50	18	770	42.78
Cheyenne.....	422	13,890	32.91	302	10,085	33.40
Clear Creek.....	2	60	30.00	2	30	15.00
Conejos.....	287	13,465	46.92	234	11,680	50.00
Costilla.....	83	3,380	40.72	76	2,780	26.58
Crowley.....	415	19,840	47.81	377	17,390	46.13
Custer.....	48	1,465	30.52	29	1,000	34.48
Delta.....	359	15,295	42.60	304	13,480	44.34
Denver.....	62	3,630	58.55	53	2,450	46.23
Dolores.....	84	2,470	29.45	79	2,320	29.37
Douglas.....	76	3,975	52.30	69	3,550	51.45
Eagle.....	78	4,015	51.47	82	4,190	51.09
Elbert.....	345	33,565	39.72	735	28,375	38.61
El Paso.....	1,224	42,670	34.86	1,124	39,450	35.16
Fremont.....	181	8,902	49.18	130	6,796	52.28
Garfield.....	270	11,760	43.56	264	12,300	46.60
Gilpin.....	1	30	30.00	1	30	30.00
Grand.....	29	1,340	46.21	18	540	30.00
Gunnison.....	233	11,255	48.30	256	12,900	50.40
Hinsdale.....	---	---	---	---	---	---
Huerfano.....	492	39,515	80.32	416	32,605	78.37
Jackson.....	79	2,170	27.47	55	1,460	26.54
Jefferson.....	169	7,255	42.92	144	6,345	44.06
Kiowa.....	175	7,000	40.00	166	6,640	40.00
Kit Carson.....	1,258	41,545	33.02	1,021	37,825	37.04
Lake.....	2	50	25.00	2	100	50.00
La Plata.....	183	7,535	41.17	171	4,900	28.65
Larimer.....	1,244	64,690	52.00	810	30,980	38.25
Las Animas.....	1,363	71,886	52.74	1,160	68,920	59.41
Lincoln.....	767	23,250	30.31	685	21,075	30.77
Logan.....	1,007	41,950	41.66	800	32,855	41.07
Mesa.....	408	17,160	42.06	430	18,310	42.58
Mineral.....	9	480	53.33	12	710	59.16
Moffat.....	183	5,715	31.23	215	6,905	32.11
Montezuma.....	273	9,460	34.65	277	9,100	32.85
Montrose.....	254	9,710	38.23	247	9,340	37.81
Morgan.....	900	38,270	42.52	764	34,320	44.92
Otero.....	938	48,790	52.01	926	46,155	49.84
Ouray.....	37	1,270	34.32	46	1,250	27.17
Park.....	68	3,620	53.24	63	3,430	54.44
Phillips.....	503	18,865	37.50	388	16,160	41.65
Pitkin.....	19	655	34.47	14	340	24.29
Prowers.....	1,231	42,419	34.46	1,084	31,551	29.11
Pueblo.....	362	16,460	45.47	396	18,645	47.09
Rio Blanco.....	200	7,970	39.85	179	6,935	38.74
Rio Grande.....	592	31,175	52.66	480	24,730	51.52
Routt.....	---	---	---	30	1,500	50.00
Saguache.....	300	10,940	36.47	240	9,265	38.60
San Juan.....	29	1,195	41.21	30	1,220	40.66
San Miguel.....	38	1,685	44.34	31	1,230	40.00
Sedgwick.....	319	14,405	45.16	275	12,240	44.51
Summit.....	2	100	50.00	3	90	30.00
Teller.....	41	2,270	55.37	40	2,430	60.75
Washington.....	688	19,205	27.92	628	17,335	27.60
Weld.....	2,119	106,530	50.27	2,132	93,060	43.65
Yuma.....	1,399	55,480	39.66	1,226	47,720	38.92
State.....	25,318	\$1,072,270	\$41.92	21,994	\$917,187	\$41.70

PURE BRED DAIRY COWS
(From Reports of County Assessors to State Tax Commission)

COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	---	---	---	122	\$ 8,670	\$71.07
Alamosa	---	---	---	---	---	---
Arapahoe	---	---	---	---	---	---
Archuleta	---	---	---	---	---	---
Baca	---	---	---	---	---	---
Bent	---	---	---	---	---	---
Boulder	---	---	---	---	---	---
Chaffee	---	---	---	---	---	---
Cheyenne	---	---	---	---	---	---
Clear Creek	---	---	---	---	---	---
Conejos	---	---	---	---	---	---
Costilla	---	---	---	---	---	---
Crowley	---	---	---	---	---	---
Custer	2	\$ 120	\$60.00	---	---	---
Delta	---	---	---	---	---	---
Denver	---	---	---	---	---	---
Dolores	---	---	---	---	---	---
Douglas	---	---	---	---	---	---
Eagle	---	---	---	---	---	---
Elbert	165	10,530	63.82	24	1,440	60.00
El Paso	508	45,240	89.06	468	40,930	87.40
Fremont	45	3,375	75.00	40	3,060	76.50
Garfield	---	---	---	---	---	---
Gilpin	---	---	---	---	---	---
Grand	---	---	---	---	---	---
Gunnison	40	2,400	60.00	---	---	---
Hinsdale	---	---	---	---	---	---
Huerfano	---	---	---	---	---	---
Jackson	---	---	---	---	---	---
Jefferson	75	6,620	88.26	93	8,290	89.04
Kiowa	---	---	---	---	---	---
Kit Carson	67	4,880	72.84	84	6,125	72.92
Lake	---	---	---	---	---	---
La Plata	---	---	---	---	---	---
Larimer	347	20,820	60.00	297	17,820	60.00
Las Animas	---	---	---	---	---	---
Lincoln	---	---	---	---	---	---
Logan	300	30,000	100.00	340	22,585	66.43
Mesa	6,345	317,250	50.00	---	---	---
Mineral	---	---	---	---	---	---
Moffat	---	---	---	---	---	---
Montezuma	---	---	---	---	---	---
Montrose	215	12,900	60.00	80	4,800	60.00
Morgan	60	6,000	100.00	75	7,500	100.00
Otero	236	15,755	66.76	77	6,310	81.95
Ouray	23	1,380	60.00	---	---	---
Park	---	---	---	---	---	---
Phillips	---	---	---	---	---	---
Pitkin	---	---	---	---	---	---
Prowers	111	8,850	79.82	161	9,775	60.71
Pueblo	211	16,175	76.66	144	10,930	75.91
Rio Blanco	---	---	---	---	---	---
Rio Grande	---	---	---	---	---	---
Routt	---	---	---	63	3,780	60.00
Saguache	---	---	---	---	---	---
San Juan	---	---	---	---	---	---
San Miguel	---	---	---	---	---	---
Sedgwick	28	1,680	60.00	34	2,040	60.00
Summit	---	---	---	---	---	---
Teller	---	---	---	---	---	---
Washington	---	---	---	---	---	---
Weld	337	25,280	75.01	343	24,630	71.81
Yuma	45	3,200	71.11	---	---	---
State	9,160	\$532,455	\$58.13	2,445	\$178,685	\$73.08

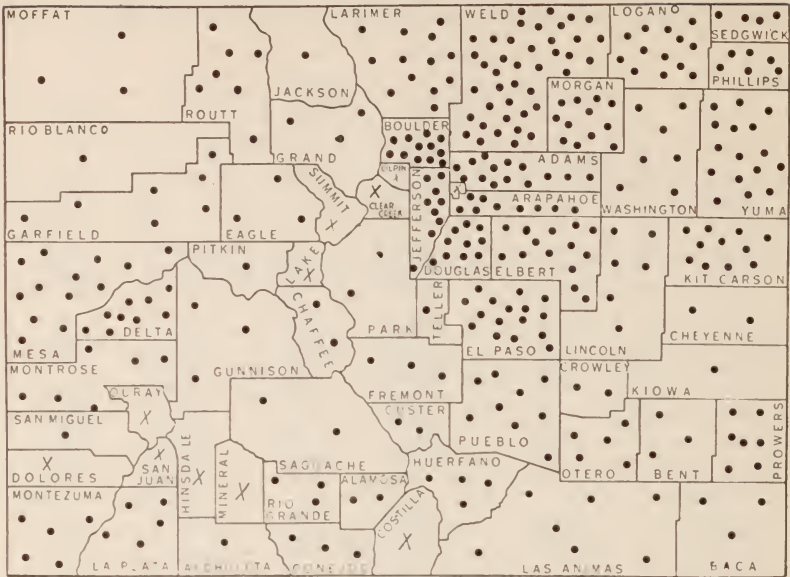
GRADE DAIRY COWS
(From Reports of County Assessors to State Tax Commission)

COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams-----	3,453	\$ 172,650	\$50.00	3,578	\$ 179,000	\$50.03
Alamosa-----	-----	-----	-----	1,164	58,190	50.00
Arapahoe-----	4,077	227,510	55.80	4,359	227,770	52.25
Archuleta-----	670	33,710	50.31	651	32,695	50.22
Baca-----	150	7,800	52.00	120	6,000	50.00
Bent-----	1,335	67,335	50.44	964	48,200	50.00
Boulder-----	4,093	220,090	53.77	2,547	127,360	50.00
Chaffee-----	-----	-----	-----	904	45,020	50.00
Cheyenne-----	103	5,400	50.00	853	44,500	52.17
Clear Creek-----	-----	-----	-----	-----	-----	-----
Conejos-----	-----	-----	-----	-----	-----	-----
Costilla-----	119	5,950	50.00	383	19,190	50.11
Crowley-----	450	27,000	60.00	439	26,340	60.00
Custer-----	329	16,450	50.00	295	14,750	50.00
Delta-----	-----	-----	-----	-----	-----	-----
Denver-----	-----	-----	-----	-----	-----	-----
Dolores-----	-----	-----	-----	-----	-----	-----
Douglas-----	4,851	269,250	55.50	4,805	240,310	50.01
Eagle-----	-----	-----	-----	-----	-----	-----
Elbert-----	6,109	305,595	50.02	6,128	306,885	50.08
El Paso-----	2,274	133,040	58.50	2,057	119,370	58.03
Fremont-----	1,068	59,393	55.60	1,239	70,572	53.57
Garfield-----	3,456	173,030	50.07	3,313	166,670	50.30
Gilpin-----	-----	-----	-----	-----	-----	-----
Grand-----	-----	-----	-----	-----	-----	-----
Gunnison-----	1,106	65,105	58.06	1,269	63,470	50.02
Hinsdale-----	2	100	50.00	5	264	52.80
Huerfano-----	1,823	91,155	50.00	588	29,400	50.00
Jackson-----	800	40,000	50.00	696	34,800	50.00
Jefferson-----	4,527	226,365	50.00	2,546	140,050	55.00
Kiowa-----	474	23,700	50.00	-----	-----	-----
Kit Carson-----	-----	-----	-----	2,964	148,245	50.01
Lake-----	-----	-----	-----	-----	-----	-----
La Plata-----	2,261	115,710	51.18	2,448	123,490	50.44
Larimer-----	5,216	271,240	52.00	4,933	246,650	50.00
Las Animas-----	200	10,000	50.00	350	17,500	50.00
Lincoln-----	-----	-----	-----	800	44,000	55.00
Logan-----	400	24,000	60.00	500	25,250	50.50
Mesa-----	-----	-----	-----	6,490	324,830	50.05
Mineral-----	8	475	59.37	43	2,510	52.29
Moffat-----	122	6,100	50.00	550	30,000	54.54
Montezuma-----	-----	-----	-----	-----	-----	-----
Montrose-----	2,522	126,100	50.00	3,025	151,250	50.00
Morgan-----	152	9,120	60.00	202	11,110	55.00
Otero-----	2,047	109,260	53.38	293	12,445	61.31
Ouray-----	370	18,500	50.00	314	15,700	50.00
Park-----	-----	-----	-----	-----	-----	-----
Phillips-----	-----	-----	-----	-----	-----	-----
Pitkin-----	-----	-----	-----	-----	-----	-----
Prowers-----	1,595	85,130	53.37	682	34,105	50.00
Pueblo-----	1,842	92,080	50.00	1,574	81,120	51.54
Rio Blanco-----	-----	-----	-----	-----	-----	-----
Rio Grande-----	1,340	67,320	50.24	1,302	65,100	50.00
Routt-----	-----	-----	-----	3,257	162,850	50.00
Saguache-----	764	38,200	50.00	801	40,080	50.00
San Juan-----	-----	-----	-----	-----	-----	-----
San Miguel-----	738	36,900	50.00	601	30,050	50.00
Sedgwick-----	1,384	69,270	50.05	727	36,350	50.00
Summit-----	-----	-----	-----	-----	-----	-----
Teller-----	61	3,050	50.00	117	5,900	50.43
Washington-----	-----	-----	-----	-----	-----	-----
Weld-----	5,217	319,090	61.16	9,888	493,520	49.91
Yuma-----	1,556	82,460	53.00	734	36,700	50.00
State-----	69,069	\$3,654,633	\$52.91	81,413	\$4,139,561	\$50.86

COMMON DAIRY COWS
(From Reports of County Assessors to State Tax Commission)

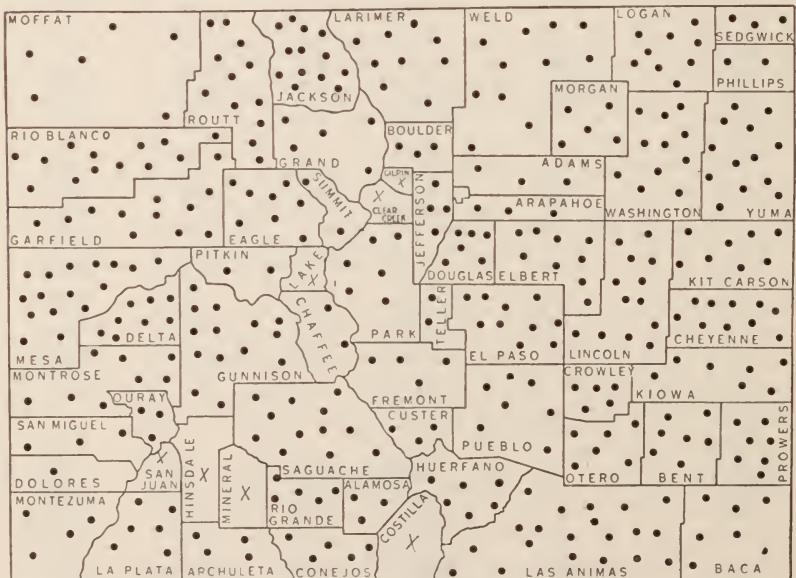
COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	2,990	\$ 126,840	\$42.42	3,060	\$ 133,340	\$43.68
Alamosa	1,144	57,065	49.88	-----	-----	-----
Arapahoe	-----	-----	-----	-----	-----	-----
Archuleta	-----	-----	-----	-----	-----	-----
Baca	1,625	71,500	44.00	1,415	59,430	42.00
Bent	579	23,160	40.00	525	21,235	40.44
Boulder	1,464	60,550	41.36	3,253	130,120	40.00
Chaffee	901	41,635	46.21	-----	-----	-----
Cheyenne	740	29,600	40.00	-----	-----	-----
Clear Creek	100	5,260	52.60	100	4,970	50.00
Conejos	1,765	83,825	47.50	1,564	78,650	50.29
Costilla	350	16,395	46.84	-----	-----	-----
Crowley	478	19,735	41.29	500	20,800	41.60
Custer	441	17,670	40.07	508	20,320	40.00
Delta	4,372	226,290	51.76	4,195	209,750	50.00
Denver	435	21,380	49.15	350	15,290	43.68
Dolores	321	13,500	42.06	323	13,126	40.64
Douglas	-----	-----	-----	-----	-----	-----
Eagle	1,124	56,200	50.00	1,192	59,600	50.00
Elbert	1,188	47,885	40.31	-----	-----	-----
El Paso	4,754	195,880	41.20	4,955	200,120	40.40
Fremont	3,849	153,982	40.00	405	16,200	40.00
Garfield	-----	-----	-----	-----	-----	-----
Gilpin	44	1,830	41.59	39	1,720	44.00
Grand	1,087	54,975	50.59	1,215	60,950	50.17
Gunnison	52	2,080	40.00	-----	-----	-----
Hinsdale	76	3,040	40.00	261	10,440	40.00
Huerfano	-----	-----	-----	1,168	46,723	40.00
Jackson	-----	-----	-----	-----	-----	-----
Jefferson	357	14,285	40.00	1,957	88,080	45.00
Kiowa	-----	-----	-----	563	28,150	50.00
Kit Carson	4,278	206,746	48.33	2,355	117,775	50.01
Lake	161	8,470	52.61	163	8,150	50.00
La Plata	525	21,150	40.29	-----	-----	-----
Larimer	1,392	55,680	40.00	1,388	55,520	40.00
Las Animas	3,702	149,875	40.49	3,387	144,568	42.68
Lincoln	3,272	132,490	40.49	2,150	92,835	43.13
Logan	6,156	277,040	45.00	6,200	254,200	41.00
Mesa	-----	-----	-----	-----	-----	-----
Mineral	75	3,000	40.00	35	1,400	40.00
Moffat	1,028	42,200	41.05	850	37,080	43.62
Montezuma	2,648	131,855	49.80	2,538	127,120	50.09
Montrose	861	34,440	40.00	79	3,185	40.32
Morgan	5,212	236,330	45.34	5,792	231,680	40.00
Otero	1,186	47,440	40.00	2,981	150,960	50.64
Ouray	21	840	40.00	169	6,760	40.00
Park	706	35,120	49.75	692	34,710	50.16
Phillips	2,818	114,255	40.55	2,877	115,070	40.00
Pitkin	1,023	40,920	40.00	503	20,120	40.00
Prowers	3,225	131,386	40.74	2,830	113,590	40.14
Pueblo	2,790	113,430	40.66	2,653	110,585	41.68
Rio Blanco	846	37,505	44.32	711	39,555	55.63
Rio Grande	-----	-----	-----	-----	-----	-----
Routt	3,262	163,740	50.20	-----	-----	-----
Saguache	-----	-----	-----	-----	-----	-----
San Juan	25	1,035	41.40	27	1,140	42.22
San Miguel	7	280	40.00	18	735	40.83
Sedgwick	516	20,640	40.00	1,317	52,790	40.08
Summit	417	16,680	40.00	360	14,400	40.00
Teller	577	23,240	40.28	453	18,200	40.18
Washington	6,743	282,948	41.96	3,380	119,180	50.07
Weld	11,276	456,240	40.46	9,936	598,620	40.12
Yuma	4,643	188,740	40.65	7,132	285,280	40.00
State	99,627	\$4,318,277	\$43.34	88,524	\$3,774,222	\$42.64

DISTRIBUTION OF DAIRY CATTLE, 1930



Each dot represents 500 dairy cattle; cross indicates numbers of less than 500.

DISTRIBUTION OF BEEF CATTLE, 1930



Each dot represents 2,000 beef cattle; cross represents numbers of less than 2,000.

STOCK CALVES (SIX MONTHS TO ONE YEAR)
(From Reports of County Assessors to State Tax Commission)

COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	-----	-----	-----	1,887	\$ 51,030	\$27.04
Alamosa	2,800	\$ 75,600	\$27.00	2,644	73,185	27.68
Arapahoe	257	6,940	27.00	476	13,160	27.65
Archuleta	1,100	29,700	27.00	3,195	88,265	27.62
Baca	5,237	144,017	27.50	6,500	182,000	28.00
Bent	3,250	87,750	27.00	3,500	94,500	27.00
Boulder	2,586	74,280	28.72	2,435	68,490	28.13
Chaffee	1,543	42,025	27.24	1,610	44,480	27.63
Cheyenne	6,957	187,839	27.00	5,945	161,095	27.10
Clear Creek	63	1,710	27.14	36	955	27.00
Conejos	1,825	49,275	27.00	-----	-----	-----
Costilla	800	21,600	27.00	536	14,760	27.53
Crowley	2,637	73,330	27.81	3,015	82,095	27.23
Custer	3,374	91,090	27.00	2,022	54,705	27.05
Delta	6,041	163,105	27.00	6,882	190,720	27.71
Denver	-----	-----	-----	-----	-----	-----
Dolores	1,153	31,140	27.00	868	23,676	27.28
Douglas	3,016	82,125	27.23	2,419	66,030	27.30
Eagle	6,094	164,538	27.00	5,677	153,279	27.00
Elbert	10,427	287,250	27.55	8,052	220,406	27.37
El Paso	7,362	201,740	27.40	6,012	163,480	27.20
Fremont	2,281	61,587	27.00	2,120	57,240	27.00
Garfield	7,843	211,950	27.03	7,370	200,300	27.18
Gilpin	263	7,112	27.04	219	6,143	28.05
Grand	4,000	108,000	27.00	4,185	112,995	27.00
Gunnison	8,891	240,220	27.02	8,720	235,540	27.01
Hinsdale	572	15,444	27.00	547	14,769	27.00
Huerfano	1,537	43,036	28.00	2,219	60,696	27.35
Jackson	6,800	183,600	27.00	9,055	244,480	27.00
Jefferson	4,491	121,260	27.00	3,553	95,945	27.00
Kiowa	4,000	112,000	28.00	2,691	72,815	27.06
Kit Carson	2,940	79,380	27.00	5,745	155,109	27.00
Lake	158	4,330	27.41	78	2,105	27.00
La Plata	4,684	126,840	27.08	4,413	122,855	27.83
Larimer	3,244	87,580	27.00	4,057	109,540	27.00
Las Animas	5,380	145,269	27.00	5,330	144,106	27.00
Lincoln	13,436	363,580	27.06	8,456	229,160	27.10
Logan	10,500	315,000	30.00	5,545	149,715	27.00
Mesa	12,061	325,985	27.03	12,043	328,240	27.25
Mineral	237	6,405	27.02	115	3,105	27.00
Moffat	4,772	143,660	30.10	4,557	127,935	28.07
Montezuma	4,434	122,290	27.58	3,900	106,120	27.21
Montrose	7,000	189,000	27.00	5,342	144,248	27.00
Morgan	10,237	312,110	30.49	7,305	220,900	30.24
Otero	2,144	63,205	29.50	5,167	139,530	27.00
Ouray	2,169	58,563	27.00	2,670	72,090	27.00
Park	3,683	104,330	28.33	3,432	95,720	27.90
Phillips	1,280	35,990	28.12	1,499	40,455	27.00
Pitkin	1,539	41,550	27.00	1,844	49,670	27.00
Prowers	5,576	150,504	27.00	4,751	129,424	27.24
Pueblo	4,506	121,795	27.03	3,888	105,000	27.00
Rio Blanco	6,466	174,610	27.00	7,798	210,820	27.04
Rio Grande	2,810	75,870	27.00	3,056	83,170	27.22
Routt	9,780	264,060	27.00	2,620	70,740	27.00
Saguache	7,789	210,308	27.00	7,879	212,753	27.00
San Juan	-----	-----	-----	-----	-----	-----
San Miguel	3,233	87,270	27.00	1,636	44,160	27.00
Sedgwick	2,480	69,500	28.02	1,990	54,370	27.32
Summit	1,143	34,290	30.00	1,205	36,150	30.00
Teller	1,029	28,080	27.29	835	24,815	29.72
Washington	9,144	265,010	28.98	8,406	230,462	27.42
Weld	8,816	244,860	27.77	7,227	195,450	27.05
Yuma	5,751	159,730	27.77	8,258	222,965	27.00
State	265,621	\$7,330,217	\$27.60	245,437	\$6,708,116	\$27.33

STOCK CATTLE (ONE TO TWO YEARS OLD AND OVER)
 (From Reports of County Assessors to State Tax Commission)

COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	4,618	\$ 161,660	\$35.00	3,573	\$ 125,060	\$35.00
Alamosa	3,091	108,190	35.00	3,500	122,500	35.00
Arapahoe	5,430	190,050	35.00	5,577	195,220	35.00
Archuleta	7,459	261,070	35.00	5,591	208,447	37.28
Baca	15,000	540,000	36.00	14,809	525,720	35.50
Bent	8,763	306,705	35.00	9,208	327,700	35.58
Boulder	3,131	112,430	35.91	2,898	102,070	35.22
Chaffee	3,217	112,730	35.04	3,209	112,885	35.15
Cheyenne	10,884	380,940	35.00	11,084	388,130	35.02
Clear Creek	75	2,625	35.00	116	4,185	36.08
Conejos	8,850	309,750	35.00	10,268	359,880	35.00
Costilla	1,150	40,630	35.33	1,257	43,995	35.00
Crowley	5,337	187,505	35.13	6,486	227,425	35.06
Custer	3,415	119,525	35.00	3,898	136,430	35.00
Delta	10,447	381,740	36.54	9,382	332,135	35.40
Denver	---	---	---	---	---	---
Dolores	1,981	69,385	35.02	1,754	67,450	38.46
Douglas	7,967	278,845	35.00	8,660	306,080	35.34
Eagle	9,292	325,325	35.01	9,481	331,835	35.00
Elbert	7,091	251,182	35.42	7,959	280,368	35.23
El Paso	12,208	433,370	35.50	12,453	441,460	35.46
Fremont	1,260	44,100	35.00	1,061	37,150	35.00
Garfield	9,622	337,070	35.03	15,445	540,770	35.00
Gilpin	382	13,373	35.00	273	9,558	35.01
Grand	6,042	215,330	35.64	5,915	220,375	37.26
Gunnison	17,664	621,355	35.18	17,739	620,870	35.00
Hinsdale	658	23,030	35.00	686	24,010	35.00
Huerfano	10,175	356,125	35.00	8,489	297,142	35.00
Jackson	19,016	804,660	42.31	16,477	576,690	35.00
Jefferson	1,856	65,815	35.00	3,495	122,345	35.00
Kiowa	9,623	341,735	35.51	10,295	360,335	35.00
Kit Carson	8,817	338,475	38.39	9,513	332,935	35.00
Lake	290	11,600	40.00	305	10,925	35.82
La Plata	7,211	252,425	35.05	7,074	251,650	35.57
Larimer	11,576	405,160	35.00	11,872	415,520	35.00
Las Animas	27,360	957,722	35.00	25,270	908,730	35.96
Lincoln	10,664	374,200	35.09	14,039	492,775	35.10
Logan	7,092	257,510	36.31	12,167	427,820	35.16
Mesa	14,277	500,120	35.00	16,231	580,930	35.78
Mineral	639	22,365	36.00	719	25,165	35.00
Moffat	7,059	252,035	35.70	6,860	243,410	35.48
Montezuma	4,595	161,795	35.21	4,525	159,840	35.32
Montrose	9,325	326,375	35.00	9,280	324,807	35.00
Morgan	3,412	122,830	36.00	2,743	100,060	36.48
Otero	6,755	251,340	37.21	5,725	202,285	35.33
Ouray	3,544	124,055	35.00	3,313	115,955	35.00
Park	6,437	235,735	35.21	6,131	220,140	35.91
Phillips	1,227	43,140	35.16	1,436	50,260	35.00
Pitkin	1,719	60,165	35.00	1,579	55,305	35.03
Prowers	6,919	243,175	35.14	8,998	315,085	35.02
Pueblo	12,962	458,800	35.01	12,268	429,710	35.00
Rio Blanco	19,249	674,025	35.00	18,417	644,660	35.00
Rio Grande	5,679	198,765	35.00	6,214	217,560	35.00
Routt	12,880	450,800	35.00	15,617	546,620	35.00
Saguache	17,458	611,035	35.00	16,345	571,990	35.00
San Juan	130	4,550	35.00	142	4,970	35.00
San Miguel	3,116	109,130	35.02	3,360	117,615	35.00
Sedgwick	2,518	88,805	35.27	2,839	99,360	35.00
Summit	1,071	37,485	35.00	1,500	52,500	35.00
Teller	2,235	80,600	36.06	2,596	91,540	35.26
Washington	8,244	296,550	35.97	13,832	500,380	36.17
Weld	16,987	600,510	35.35	12,101	423,580	35.00
Yuma	9,998	354,170	35.43	15,431	540,085	35.00
State	457,149	\$16,296,697	\$35.68	479,480	\$16,921,877	\$35.29

STEERS (TWO YEARS OLD AND OVER)
(From Reports of County Assessors to State Tax Commission)

COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	---	---	---	---	---	---
Alamosa	---	---	---	---	---	---
Arapahoe	---	---	---	---	---	---
Archuleta	100	\$ 4,500	\$45.00	---	---	---
Baca	---	---	---	---	---	---
Bent	---	---	---	---	---	---
Boulder	53	2,410	45.47	10	\$ 430	\$43.00
Chaffee	---	---	---	---	---	---
Cheyenne	39	1,755	45.00	3	135	45.00
Clear Creek	23	1,030	45.00	8	350	45.00
Conejos	---	---	---	---	---	---
Costilla	---	---	---	---	---	---
Crowley	265	11,925	45.00	---	---	---
Custer	---	---	---	---	---	---
Delta	---	---	---	---	---	---
Denver	---	---	---	---	---	---
Dolores	---	---	---	---	---	---
Douglas	---	---	---	---	---	---
Eagle	---	---	---	200	9,000	45.00
Elbert	71	3,195	45.00	---	---	---
El Paso	285	12,950	45.44	312	14,040	45.00
Fremont	---	---	---	---	---	---
Garfield	45	2,100	46.07	203	9,105	45.00
Gilpin	---	---	---	---	---	---
Grand	---	---	---	---	---	---
Gunnison	1	45	45.00	4	160	40.00
Hinsdale	---	---	---	---	---	---
Huerfano	---	---	---	---	---	---
Jackson	---	---	---	---	---	---
Jefferson	1,137	51,180	45.00	720	32,440	45.05
Kiowa	---	---	---	---	---	---
Kit Carson	388	17,460	45.00	201	9,070	45.12
Lake	---	---	---	---	---	---
La Plata	---	---	---	---	---	---
Larimer	---	---	---	---	---	---
Las Animas	984	44,280	45.00	3,462	155,783	45.00
Lincoln	---	---	---	---	---	---
Logan	---	---	---	---	---	---
Mesa	---	---	---	---	---	---
Mineral	1	45	45.00	---	---	---
Moffat	56	2,570	45.89	43	2,055	47.79
Montezuma	---	---	---	---	---	---
Montrose	---	---	---	---	---	---
Morgan	---	---	---	---	---	---
Otero	---	---	---	---	---	---
Ouray	---	---	---	---	---	---
Park	92	4,110	45.00	---	---	---
Phillips	358	16,120	45.03	342	15,390	45.00
Pitkin	1,138	51,205	45.00	110	5,035	45.77
Prowers	587	26,470	45.09	---	---	---
Pueblo	203	9,130	45.00	36	1,750	48.60
Rio Blanco	---	---	---	---	---	---
Rio Grande	---	---	---	---	---	---
Routt	111	5,000	45.05	248	11,160	45.00
Saguache	---	---	---	---	---	---
San Juan	---	---	---	---	---	---
San Miguel	---	---	---	---	---	---
Sedgwick	102	4,590	45.00	275	9,625	35.00
Summit	---	---	---	---	---	---
Teller	129	5,810	45.04	389	13,935	35.82
Washington	---	---	---	---	---	---
Weld	89	4,040	45.39	52	2,290	44.04
Yuma	4,807	241,460	50.23	---	---	---
State	11,064	\$523,380	\$47.31	6,618	\$291,753	\$44.01

STEERS (ONE TO TWO YEARS OLD)
(From Reports of County Assessors to the State Tax Commission)

COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	---	---	---	---	---	---
Alamosa	---	---	---	---	---	---
Arapahoe	1,064	\$ 37,240	\$35.00	---	---	---
Archuleta	---	---	---	---	---	---
Baca	---	---	---	---	---	---
Bent	---	---	---	---	---	---
Boulder	550	19,740	35.89	275	\$ 9,770	\$35.58
Chaffee	---	---	---	---	---	---
Cheyenne	623	21,805	35.00	2,330	81,535	35.00
Clear Creek	100	3,500	35.00	30	1,015	35.00
Conejos	---	---	---	---	---	---
Costilla	150	5,250	35.00	130	5,250	35.00
Crowley	1,600	56,000	35.00	---	---	---
Custer	---	---	---	---	---	---
Delta	---	---	---	---	---	---
Denver	---	---	---	---	---	---
Dolores	---	---	---	125	4,385	35.08
Douglas	911	31,885	35.00	308	10,885	35.34
Eagle	---	---	---	---	---	---
Elbert	1,517	53,499	35.27	2,070	72,925	35.23
El Paso	974	34,080	35.00	897	31,410	35.00
Fremont	466	16,310	35.00	4,631	162,085	35.00
Garfield	3,834	134,300	35.03	894	33,120	36.05
Gilpin	---	---	---	---	---	---
Grand	---	---	---	---	---	---
Gunnison	182	6,370	35.00	725	25,425	35.07
Hinsdale	94	3,760	40.00	92	3,220	35.00
Huerfano	---	---	---	---	---	---
Jackson	---	---	---	610	21,350	35.00
Jefferson	---	---	---	929	32,620	35.11
Kiowa	---	---	---	---	---	---
Kit Carson	2,772	97,020	35.00	783	27,415	35.00
Lake	---	---	---	---	---	---
La Plata	---	---	---	---	---	---
Larimer	634	22,190	35.00	1,448	50,680	35.00
Las Animas	248	8,679	35.00	5,734	200,698	35.00
Lincoln	3,206	112,240	35.01	1,790	63,190	35.30
Logan	---	---	---	---	---	---
Mesa	5,460	191,100	35.00	4,540	159,040	35.03
Mineral	485	16,975	35.00	518	18,130	35.00
Moffat	680	24,045	35.36	808	28,280	35.00
Montezuma	---	---	---	---	---	---
Montrose	---	---	---	---	---	---
Morgan	---	---	---	---	---	---
Otero	---	---	---	244	10,595	43.42
Ouray	---	---	---	---	---	---
Park	1,472	58,880	40.00	1,120	39,200	35.00
Phillips	283	9,890	35.00	412	14,440	35.00
Pitkin	---	---	---	1,161	41,615	35.84
Frowers	---	---	---	---	---	---
Pueblo	1,139	39,910	35.04	1,896	69,840	36.84
Rio Blanco	---	---	---	---	---	---
Rio Grande	---	---	---	---	---	---
Routt	2,866	100,310	35.00	4,485	156,980	35.00
Saguache	---	---	---	---	---	---
San Juan	---	---	---	---	---	---
San Miguel	---	---	---	---	---	---
Sedgwick	489	17,140	35.05	---	---	---
Summit	772	27,020	35.00	700	24,500	35.00
Teller	271	9,490	35.02	482	17,035	35.34
Washington	---	---	---	---	---	---
Weld	1,378	48,230	35.00	981	35,210	35.89
Yuma	3,655	149,560	40.92	2,508	87,780	35.00
State	37,875	\$1,356,418	\$35.81	43,656	\$1,539,623	\$35.27

RANGE BULLS
(From Reports of County Assessors to the State Tax Commission)

COUNTY	REGISTERED OR ELIGIBLE			COMMON					
	1930			1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	---	---	---	---	---	---	---	---	---
Alamosa	---	---	---	220	\$ 13,200	\$60.00	225	\$ 13,500	\$60.00
Arapahoe	---	---	---	100	6,770	67.70	185	12,445	67.27
Archuleta	70	\$ 7,000	\$100.00	80	4,800	60.00	10	600	60.00
Baca	142	14,200	100.00	209	13,167	63.00	236	17,446	61.00
Bent	15	1,500	100.00	305	18,300	60.00	360	21,600	60.00
Boulder	---	---	---	199	12,480	62.71	214	12,890	60.23
Chaffee	120	12,000	100.00	149	9,005	60.44	41	2,460	60.00
Cheyenne	---	---	---	227	13,620	60.00	210	12,630	60.14
Clear Creek	---	---	---	8	480	60.00	6	415	69.17
Conejos	102	10,200	100.00	159	9,585	60.29	---	---	---
Costilla	---	---	---	30	1,800	60.00	34	2,385	70.20
Crowley	100	10,000	100.00	79	4,740	60.00	88	5,930	67.39
Custer	51	5,100	100.00	37	2,220	60.00	79	4,740	60.00
Delta	79	7,930	100.38	360	21,600	60.00	360	21,600	60.00
Denver	---	---	---	---	---	---	---	---	---
Dolores	---	---	---	44	2,640	60.00	53	3,132	60.00
Douglas	37	3,700	100.00	226	13,530	60.00	206	12,410	60.24
Eagle	289	28,900	100.00	40	2,775	69.38	28	1,825	65.18
Elbert	182	18,600	102.20	346	20,760	60.00	319	19,510	61.16
El Paso	78	9,440	121.00	260	15,800	60.77	364	22,180	61.00
Fremont	37	3,700	100.00	143	8,580	60.00	110	6,600	60.00
Garfield	659	65,900	100.00	529	32,265	61.00	---	---	---
Gilpin	2	300	150.00	7	460	65.71	---	---	---
Grand	---	---	---	300	18,915	63.05	300	29,200	97.33
Gunnison	466	47,640	102.23	375	22,500	60.00	316	18,990	60.09
Hinsdale	38	3,800	100.00	49	2,940	60.00	8	480	60.00
Huerfano	---	---	---	182	10,925	60.00	192	11,855	61.74
Jackson	447	45,200	111.12	178	13,700	76.98	177	14,160	80.00
Jefferson	15	2,000	133.33	293	17,690	60.37	156	9,395	60.00
Kiowa	---	---	---	122	7,320	60.00	175	10,500	60.00
Kit Carson	172	17,285	100.50	384	23,040	60.00	336	20,210	60.15
Lake	---	---	---	---	---	---	---	---	---
La Plata	---	---	---	163	9,780	60.00	211	12,675	60.00
Larimer	---	---	---	427	25,620	60.00	543	32,580	60.00
Las Animas	---	---	---	401	25,286	63.06	630	37,870	60.00
Lincoln	162	16,200	100.00	561	33,670	60.02	746	44,760	60.00
Logan	261	26,100	100.00	212	12,720	60.00	412	24,720	60.00
Mesa	---	---	---	---	---	---	---	---	---
Mineral	16	1,600	100.00	16	1,020	63.75	7	420	60.00
Moffat	122	12,200	100.00	331	20,440	61.75	205	12,385	60.41
Montezuma	---	---	---	---	---	---	50	3,000	60.00
Montrose	---	---	---	415	24,900	60.00	473	33,250	70.30
Morgan	---	---	---	154	9,240	60.00	152	9,120	60.00
Otero	163	16,390	100.55	24	2,390	99.59	---	---	---
Ouray	13	1,300	100.00	155	9,300	60.00	154	9,240	60.00
Park	---	---	---	271	16,260	60.00	266	16,350	61.47
Phillips	---	---	---	93	5,680	61.08	99	5,940	60.00
Pitkin	134	13,400	100.00	141	10,575	75.00	---	---	---
Prowers	---	---	---	177	11,615	65.65	302	19,800	65.56
Pueblo	32	3,525	110.15	360	22,365	62.13	328	19,695	60.05
Rio Blanco	---	---	---	685	41,100	60.00	707	43,420	61.41
Rio Grande	---	---	---	79	4,740	60.00	127	8,750	63.87
Routt	700	70,000	100.00	556	44,480	80.00	323	19,380	60.00
Saguache	---	---	---	537	32,220	60.00	600	36,000	60.00
San Juan	---	---	---	2	120	60.00	1	60	60.00
San Miguel	12	1,200	100.00	133	7,980	60.00	109	6,550	60.00
Sedgwick	51	5,100	100.00	135	8,110	60.68	99	5,965	60.25
Summit	---	---	---	62	3,720	60.00	73	4,380	60.00
Teller	---	---	---	61	3,870	63.44	106	6,760	63.78
Washington	---	---	---	186	11,425	61.42	403	26,785	66.46
Weld	200	20,000	100.00	636	40,610	63.85	140	9,270	66.21
Yuma	---	---	---	96	6,090	63.50	677	40,650	60.05
State	4,967	\$501,410	\$100.95	12,709	\$790,933	\$62.24	12,781	\$798,863	\$62.50

ALL OTHER PURE BRED AND REGISTERED CATTLE
 (From Reports of County Assessors to the State Tax Commission)

COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams-----	50	\$ 4,750	\$95.00	77	\$ 6,820	\$88.58
Alamosa-----	---	---	---	---	---	---
Arapahoe-----	41	2,100	51.22	35	1,925	55.00
Archuleta-----	---	---	---	---	---	---
Baca-----	225	15,489	68.84	165	8,415	51.00
Bent-----	---	---	---	---	---	---
Boulder-----	---	---	---	---	---	---
Chaffee-----	---	---	---	---	---	---
Cheyenne-----	239	20,315	85.00	249	22,840	91.73
Clear Creek-----	---	---	---	---	---	---
Conejos-----	---	---	---	---	---	---
Costilla-----	---	---	---	---	---	---
Crowley-----	75	7,500	100.00	---	---	---
Custer-----	108	5,880	54.44	100	5,000	50.00
Delta-----	223	11,100	49.77	187	18,700	100.00
Denver-----	---	---	---	---	---	---
Dolores-----	---	---	---	---	---	---
Douglas-----	815	74,480	91.39	733	70,465	95.48
Eagle-----	1,049	86,750	82.70	665	51,060	76.78
Elbert-----	1,076	65,512	60.88	530	30,560	52.68
El Paso-----	616	51,740	84.00	606	49,380	81.50
Fremont-----	102	8,190	80.30	90	7,200	80.00
Garfield-----	95	7,125	75.00	95	7,125	75.00
Gilpin-----	---	---	---	---	---	---
Grand-----	226	22,115	97.85	420	30,615	72.89
Gunnison-----	434	52,070	120.00	57	5,625	98.68
Hinsdale-----	---	---	---	---	---	---
Huerfano-----	235	26,270	111.79	209	21,540	103.06
Jackson-----	510	53,130	104.13	---	---	---
Jefferson-----	283	20,470	72.33	170	18,055	106.20
Kiowa-----	---	---	---	---	---	---
Kit Carson-----	35	2,520	72.00	---	---	---
Lake-----	5	500	100.00	11	1,060	96.36
La Plata-----	130	9,750	75.00	78	5,165	66.21
Larimer-----	46	5,160	112.17	55	5,130	93.27
Las Animas-----	---	---	---	---	---	---
Lincoln-----	---	---	---	---	---	---
Logan-----	60	8,400	140.00	---	---	---
Mesa-----	250	15,000	60.00	257	25,710	100.00
Mineral-----	6	900	150.00	6	900	150.00
Moffat-----	---	---	---	---	---	---
Montezuma-----	---	---	---	---	---	---
Montrose-----	---	---	---	---	---	---
Morgan-----	6	1,200	200.00	10	1,500	150.00
Otero-----	---	---	---	108	6,075	56.25
Ouray-----	10	1,225	122.50	---	---	---
Park-----	247	12,560	50.85	229	11,940	52.14
Phillips-----	86	3,975	46.22	78	3,885	50.00
Pitkin-----	---	---	---	---	---	---
Prowers-----	104	5,655	54.38	---	---	---
Pueblo-----	128	12,550	98.05	119	13,460	113.10
Rio Blanco-----	---	---	---	---	---	---
Rio Grande-----	---	---	---	---	---	---
Routt-----	963	43,340	45.01	436	30,510	70.00
Saguache-----	449	27,590	61.45	298	17,880	60.00
San Juan-----	---	---	---	---	---	---
San Miguel-----	33	2,480	75.15	---	---	---
Sedgwick-----	84	5,190	61.79	132	6,120	46.37
Summit-----	---	---	---	---	---	---
Teller-----	46	2,980	64.78	70	4,780	69.00
Washington-----	---	---	---	---	---	---
Weld-----	514	36,470	70.95	847	55,090	65.04
Yuma-----	302	20,900	69.21	62	6,200	100.00
State-----	9,906	\$753,331	\$76.02	7,239	\$550,730	\$75.56

CATTLE FED IN TRANSIT
(From Reports of County Assessors to the State Tax Commission)

COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	551	\$ 8,160	\$14.81	974	\$ 8,690	\$ 8.92
Alamosa	-----	-----	-----	-----	-----	-----
Arapahoe	-----	-----	-----	-----	-----	-----
Archuleta	-----	-----	-----	-----	-----	-----
Baca	-----	-----	-----	-----	-----	-----
Bent	1,145	6,560	5.73	861	1,370	1.59
Boulder	10,043	127,630	12.71	9,288	96,600	10.40
Chaffee	-----	-----	-----	-----	-----	-----
Cheyenne	-----	-----	-----	-----	-----	-----
Clear Creek	-----	-----	-----	-----	-----	-----
Conejos	-----	-----	-----	-----	-----	-----
Costilla	-----	-----	-----	-----	-----	-----
Crowley	3,186	52,410	16.45	2,094	35,480	16.94
Custer	-----	-----	-----	-----	-----	-----
Delta	1,686	45,595	27.04	1,844	43,780	23.74
Denver	-----	-----	-----	-----	-----	-----
Dolores	-----	-----	-----	-----	-----	-----
Douglas	-----	-----	-----	-----	-----	-----
Eagle	-----	-----	-----	-----	-----	-----
Elbert	-----	-----	-----	-----	-----	-----
El Paso	-----	-----	-----	-----	-----	-----
Freemont	-----	-----	-----	-----	-----	-----
Garfield	-----	-----	-----	-----	-----	-----
Gilpin	94	1,100	11.70	-----	-----	-----
Grand	-----	-----	-----	400	4,600	11.50
Gunnison	-----	-----	-----	-----	-----	-----
Hinsdale	3,464	20,784	6.00	3,575	17,875	5.00
Huerfano	-----	-----	-----	-----	-----	-----
Jackson	-----	-----	-----	-----	-----	-----
Jefferson	1,144	22,640	19.79	-----	-----	-----
Kiowa	-----	-----	-----	-----	-----	-----
Kit Carson	-----	-----	-----	-----	-----	-----
Lake	-----	-----	-----	-----	-----	-----
La Plata	-----	-----	-----	-----	-----	-----
Larimer	14,937	228,860	15.32	14,840	182,080	12.27
Las Animas	-----	-----	-----	-----	-----	-----
Lincoln	-----	-----	-----	-----	-----	-----
Logan	18,006	220,755	12.26	15,678	161,475	10.30
Mesa	-----	-----	-----	-----	-----	-----
Mineral	-----	-----	-----	-----	-----	-----
Moffat	-----	-----	-----	-----	-----	-----
Montezuma	-----	-----	-----	-----	-----	-----
Montrose	-----	-----	-----	-----	-----	-----
Morgan	24,499	299,770	12.24	15,519	183,520	11.85
Otero	7,146	132,680	18.57	12,204	136,665	11.20
Ouray	-----	-----	-----	-----	-----	-----
Park	-----	-----	-----	-----	-----	-----
Phillips	-----	-----	-----	-----	-----	-----
Pitkin	-----	-----	-----	-----	-----	-----
Provers	-----	-----	-----	701	5,199	7.42
Pueblo	500	4,500	9.00	125	750	6.00
Rio Blanco	-----	-----	-----	-----	-----	-----
Rio Grande	-----	-----	-----	-----	-----	-----
Routt	-----	-----	-----	-----	-----	-----
Saguache	-----	-----	-----	-----	-----	-----
San Juan	-----	-----	-----	-----	-----	-----
San Miguel	-----	-----	-----	-----	-----	-----
Sedgwick	5,474	73,435	13.42	5,695	64,920	11.40
Summit	-----	-----	-----	-----	-----	-----
Teller	-----	-----	-----	-----	-----	-----
Washington	411	6,880	16.74	1,719	9,655	5.62
Weld	34,405	574,320	16.69	36,800	300,360	8.16
Yuma	809	12,980	16.05	1,506	21,070	13.99
State	127,500	\$1,839,059	\$14.43	123,823	\$1,274,389	\$10.29

SHEEP

(From Reports of County Assessors to the State Tax Commission)

COUNTY	1929					
	BROKEN MOUTH EWES			NAVAJOS		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	----	-----	----	----	-----	----
Alamosa	----	-----	----	----	-----	----
Arapahoe	----	-----	----	----	-----	----
Archuleta	----	-----	----	----	-----	----
Baca	----	-----	----	----	-----	----
Bent	3,740	\$ 11,220	\$ 3.00	1,871	\$ 9,355	\$ 5.00
Boulder	700	2,100	3.00	----	-----	----
Chaffee	----	-----	----	----	-----	----
Cheyenne	825	2,354	2.85	----	-----	----
Clear Creek	----	-----	----	166	830	5.00
Conejos	2,610	7,830	3.00	----	-----	----
Costilla	994	2,985	3.00	----	-----	----
Crowley	2,900	13,620	4.70	----	-----	----
Custer	600	1,700	2.66	----	-----	----
Delta	850	4,250	5.00	----	-----	----
Denver	----	-----	----	----	-----	----
Dolores	1,590	4,850	3.05	2,103	10,990	5.22
Douglas	----	-----	----	----	-----	----
Eagle	----	-----	----	----	-----	----
Elbert	6,037	27,392	4.54	----	-----	----
El Paso	312	950	3.05	613	3,100	5.06
Fremont	800	1,825	2.28	----	-----	----
Garfield	----	-----	----	----	-----	----
Gilpin	----	-----	----	----	-----	----
Grand	1,936	9,235	4.77	----	-----	----
Gunnison	3,628	19,175	5.29	----	-----	----
Hinsdale	805	1,705	2.12	350	1,050	3.00
Huerfano	3,770	13,195	3.50	----	-----	----
Jackson	7,050	21,150	3.00	----	-----	----
Jefferson	1,479	5,130	3.46	----	-----	----
Kiowa	3,535	10,605	3.00	----	-----	----
Kit Carson	488	1,464	3.00	----	-----	----
Lake	6	40	6.66	----	-----	----
La Plata	12,248	39,490	3.22	11,452	59,305	5.18
Larimer	2,328	5,320	2.50	----	-----	----
Las Animas	5,000	26,540	5.31	----	-----	----
Lincoln	700	2,100	3.00	----	-----	----
Logan	3,000	9,000	3.00	----	-----	----
Mesa	2,213	7,500	3.39	----	-----	----
Mineral	650	2,040	3.00	----	-----	----
Moffat	29,993	132,960	4.43	----	-----	----
Montezuma	4,896	21,745	4.44	7,199	27,055	3.76
Montrose	12,219	36,660	3.00	----	-----	----
Morgan	1,050	3,150	3.00	----	-----	----
Otero	3,031	20,334	2.52	----	-----	----
Ouray	800	2,400	3.00	560	2,240	4.00
Park	2,207	12,230	5.54	----	-----	----
Phillips	----	-----	----	----	-----	----
Pitkin	402	2,985	7.43	----	-----	----
Prowers	16,740	47,371	2.83	545	1,920	3.52
Pueblo	1,912	5,465	2.86	----	-----	----
Rio Blanco	----	-----	----	----	-----	----
Rio Grande	11,453	32,000	2.79	2,340	11,700	5.00
Routt	16,106	80,530	5.00	----	-----	----
Saguache	2,608	7,824	2.00	1,182	5,910	5.00
San Juan	88	264	3.00	653	2,695	4.13
San Miguel	1,178	4,335	3.63	1,133	5,065	4.23
Sedgwick	40	120	3.00	----	-----	----
Summit	----	-----	----	----	-----	----
Teller	125	870	6.96	----	-----	----
Washington	2,703	9,975	3.69	----	-----	----
Weld	3,929	11,790	3.00	----	-----	----
Yuma	2,523	10,090	4.00	----	-----	----
State	189,877	\$698,363	\$ 3.68	30,217	\$141,215	\$ 4.67

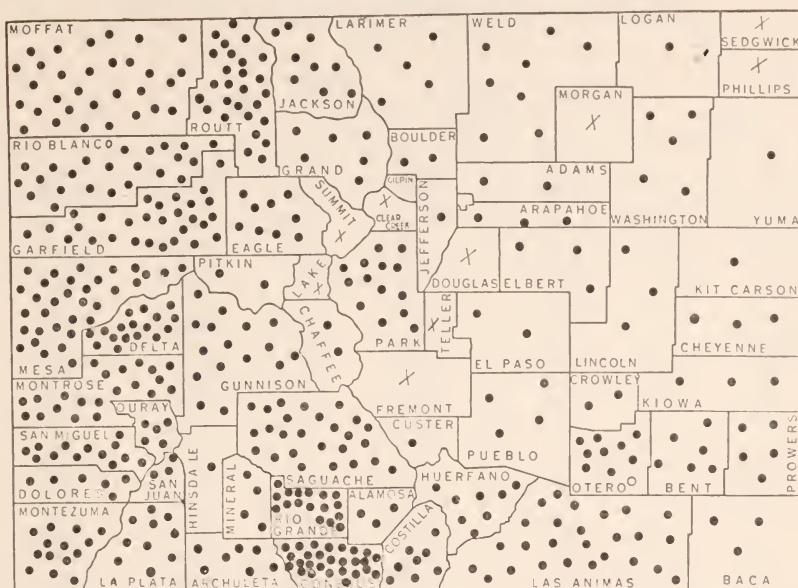
STOCK SHEEP (YEARLING AND OVER)
(From Reports of County Assessors to State Tax Commission)

COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	6,426	\$ 51,410	\$ 8.00	5,002	\$ 27,500	\$ 5.50
Alamosa	9,225	74,045	8.03	8,472	51,920	6.12
Arapahoe	8,426	67,410	8.00	7,843	43,415	5.53
Archuleta	25,349	205,575	8.11	22,365	123,770	5.53
Baca	7,138	57,104	8.00	7,560	41,580	5.50
Bent	12,000	106,800	8.90	17,533	96,435	5.50
Boulder	3,500	28,350	8.10	5,693	31,340	5.50
Chaffee	5,075	41,520	8.18	6,154	34,165	5.55
Cheyenne	6,907	55,256	8.00	10,414	57,435	5.52
Clear Creek	110	830	8.00	1,917	10,545	5.50
Conejos	82,729	667,570	8.07	82,154	452,440	5.51
Costilla	15,640	125,160	8.00	23,226	127,740	5.50
Crowley	3,500	28,000	8.00	6,069	33,470	5.52
Custer	4,158	33,265	8.00	4,286	23,570	5.50
Delta	41,605	346,575	8.33	52,303	289,350	5.53
Denver	---	---	---	---	---	---
Dolores	9,340	75,075	8.04	16,761	92,185	5.50
Douglas	1,798	14,395	8.01	1,070	8,390	7.84
Eagle	26,958	215,664	8.00	26,813	147,498	5.50
Elbert	6,647	53,361	8.03	10,424	58,140	5.58
El Paso	5,825	47,180	8.10	6,024	33,360	5.53
Fremont	1,961	15,689	8.00	2,850	15,925	5.59
Garfield	89,181	713,970	8.01	87,834	484,930	5.52
Gilpin	---	---	---	---	---	---
Grand	12,108	97,035	8.02	16,796	94,875	5.65
Gunnison	37,304	305,595	8.19	48,659	274,100	5.63
Hinsdale	1,738	13,905	8.00	3,958	21,545	5.54
Huerfano	24,774	198,192	8.00	25,429	140,199	5.51
Jackson	18,236	145,890	8.00	25,678	141,190	5.50
Jefferson	3,091	24,750	8.01	3,008	16,535	5.50
Kiowa	5,990	47,940	8.00	8,490	46,695	5.50
Kit Carson	3,000	24,000	8.00	4,340	23,874	5.50
Lake	---	---	---	412	2,265	5.50
La Plata	17,417	140,535	8.07	31,388	172,575	5.50
Larimer	13,845	110,720	8.00	15,625	93,470	5.98
Las Animas	73,703	589,624	8.00	78,992	436,043	6.15
Lincoln	7,538	60,980	8.09	10,373	57,180	5.51
Logan	730	5,810	8.00	3,537	19,453	5.50
Mesa	67,989	543,910	8.00	98,660	552,640	5.60
Mineral	10,027	80,220	8.00	11,723	67,195	5.73
Moffat	61,418	491,350	8.00	88,721	496,840	5.60
Montezuma	34,777	278,940	8.02	42,731	235,020	5.50
Montrose	52,000	416,000	8.00	62,660	344,630	5.50
Morgan	440	3,520	8.00	1,546	8,500	5.50
Otero	22,474	180,241	8.02	29,527	162,400	5.50
Ouray	12,045	96,360	8.00	13,746	75,600	5.50
Park	40,765	325,590	8.00	42,040	246,370	5.86
Phillips	101	820	8.12	212	1,275	6.00
Pitkin	8,590	68,720	8.00	6,194	35,375	5.50
Prowers	3,355	26,970	8.04	13,933	76,631	5.50
Pueblo	8,177	65,415	8.00	12,432	68,440	5.50
Rio Blanco	67,988	544,070	8.00	69,975	395,460	5.65
Rio Grande	34,551	276,535	8.00	51,219	281,705	5.50
Routt	56,389	451,110	8.00	79,579	456,820	5.74
Saguache	73,436	605,848	8.25	79,230	447,967	5.65
San Juan	8,473	67,784	8.00	8,595	47,318	5.51
San Miguel	33,585	268,570	8.00	40,070	221,585	5.50
Sedgwick	221	1,775	8.03	1,137	6,255	5.50
Summit	990	7,920	8.60	2,130	11,720	5.50
Teller	84	675	8.04	358	1,980	5.53
Washington	8,541	68,585	8.03	13,541	74,550	5.50
Weld	15,712	132,380	8.42	23,755	130,650	5.50
Yuma	1,200	12,420	10.35	3,321	18,760	5.65
State	1,216,291	\$9,804,958	\$ 8.06	1,486,492	\$8,340,788	\$ 5.61

SHEEP FED IN TRANSIT
(From Reports of County Assessors to State Tax Commission)

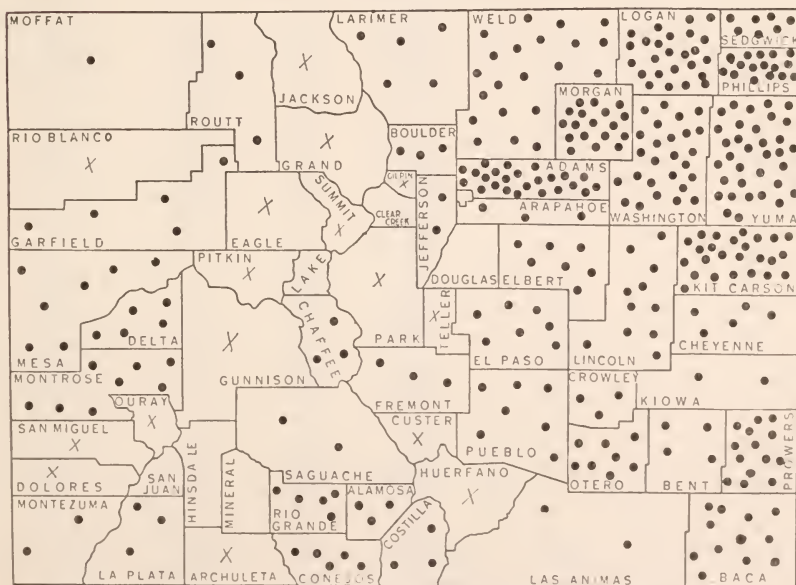
COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	140	\$ 500	\$ 3.57	-----	-----	-----
Alamosa	-----	-----	-----	-----	-----	-----
Arapahoe	-----	-----	-----	-----	-----	-----
Archuleta	-----	-----	-----	-----	-----	-----
Baca	-----	-----	-----	-----	-----	-----
Bent	169,043	175,620	1.04	198,003	\$ 155,170	\$.78
Boulder	19,364	15,160	.78	26,744	15,360	.57
Chaffee	-----	-----	-----	-----	-----	-----
Cheyenne	-----	-----	-----	-----	-----	-----
Clear Creek	-----	-----	-----	-----	-----	-----
Conejos	-----	-----	-----	-----	-----	-----
Costilla	-----	-----	-----	-----	-----	-----
Crowley	21,455	22,240	1.04	5,903	7,740	1.31
Custer	-----	-----	-----	-----	-----	-----
Delta	-----	-----	-----	-----	-----	-----
Denver	-----	-----	-----	-----	-----	-----
Dolores	-----	-----	-----	-----	-----	-----
Douglas	-----	-----	-----	-----	-----	-----
Eagle	-----	-----	-----	-----	-----	-----
Elbert	-----	-----	-----	-----	-----	-----
El Paso	-----	-----	-----	-----	-----	-----
Fremont	-----	-----	-----	-----	-----	-----
Garfield	-----	-----	-----	-----	-----	-----
Gilpin	-----	-----	-----	-----	-----	-----
Grand	17,577	35,295	2.01	7,900	9,875	1.25
Gunnison	-----	-----	-----	-----	-----	-----
Hinsdale	85,663	68,530	.80	87,210	78,251	.90
Huerfano	-----	-----	-----	-----	-----	-----
Jackson	10,400	14,040	1.35	11,870	11,570	1.00
Jefferson	-----	-----	-----	-----	-----	-----
Kiowa	-----	-----	-----	-----	-----	-----
Kit Carson	-----	-----	-----	-----	-----	-----
Lake	20,825	41,650	2.00	5,519	7,580	1.37
La Plata	-----	-----	-----	-----	-----	-----
Larimer	311,602	342,360	1.10	385,415	312,190	.81
Las Animas	-----	-----	-----	-----	-----	-----
Lincoln	-----	-----	-----	-----	-----	-----
Logan	101,400	126,150	1.24	80,000	57,370	.72
Mesa	-----	-----	-----	-----	-----	-----
Mineral	-----	-----	-----	-----	-----	-----
Moffat	-----	-----	-----	-----	-----	-----
Montezuma	-----	-----	-----	-----	-----	-----
Montrose	-----	-----	-----	-----	-----	-----
Morgan	144,866	144,800	1.00	225,871	158,610	.70
Otero	49,534	78,130	1.58	43,265	32,770	.76
Ouray	-----	-----	-----	-----	-----	-----
Park	-----	-----	-----	-----	-----	-----
Phillips	-----	-----	-----	-----	-----	-----
Pitkin	21,200	42,400	2.00	22,065	40,455	1.83
Prowers	106,653	107,073	1.00	138,836	98,303	.71
Pueblo	6,219	5,905	.97	14,665	12,745	.87
Rio Blanco	-----	-----	-----	-----	-----	-----
Rio Grande	-----	-----	-----	-----	-----	-----
Routt	-----	-----	-----	-----	-----	-----
Saguache	-----	-----	-----	-----	-----	-----
San Juan	-----	-----	-----	-----	-----	-----
San Miguel	-----	-----	-----	-----	-----	-----
Sedgwick	5,036	4,935	.98	2,747	2,770	1.01
Summit	35,240	70,480	2.00	27,603	37,955	1.37
Teller	-----	-----	-----	-----	-----	-----
Washington	7,060	3,600	.51	10,060	10,160	1.01
Weld	449,005	452,100	1.01	569,654	375,650	.66
Yuma	-----	-----	-----	-----	-----	-----
State	1,582,282	\$1,750,968	\$ 1.11	1,863,330	\$1,424,824	\$.76

DISTRIBUTION OF SHEEP, 1930



Each dot represents 3,000 sheep; cross represents numbers of less than 3,000.

DISTRIBUTION OF SWINE, 1930



Each dot represents 500 swine; cross represents numbers less than 500.

SWINE IN COLORADO, 1929 AND 1930
(From Reports of County Assessors to the State Tax Commission)

COUNTY	1929			1930		
	Number	Assessed Value	Average Head Per	Number	Assessed Value	Average Per Head
Adams.....	11,065	\$ 99,780	\$ 9.02	11,788	\$ 91,390	\$ 7.75
Alamosa.....	1,568	17,655	11.71	1,444	16,840	11.66
Arapahoe.....	1,702	13,925	18.18	1,357	13,765	10.14
Archuleta.....	412	3,170	7.69	414	3,184	7.69
Baca.....	5,792	50,043	8.64	6,027	52,797	8.76
Bent.....	1,902	20,000	10.52	1,842	20,440	11.09
Boulder.....	1,362	14,330	10.52	1,432	14,870	10.39
Chaffee.....	1,213	11,400	9.40	1,459	12,345	8.46
Cheyenne.....	3,124	33,680	10.78	2,682	26,845	10.01
Clear Creek.....	9	110	12.00	---	---	---
Conejos.....	3,147	27,395	8.91	2,652	30,205	11.29
Costilla.....	1,472	14,740	10.01	1,267	12,315	9.72
Crowley.....	1,737	16,650	9.59	1,730	17,015	9.84
Custer.....	525	3,875	7.38	361	2,200	7.31
Delta.....	2,667	22,960	8.61	2,342	22,180	9.47
Denver.....	---	---	---	---	---	---
Dolores.....	116	1,040	8.97	134	1,885	14.07
Douglas.....	1,194	13,635	11.42	744	7,830	10.52
Eagle.....	525	6,300	12.00	468	5,616	12.00
Elbert.....	4,851	50,354	10.38	3,698	39,547	10.69
El Paso.....	3,312	32,900	9.93	3,327	33,430	10.05
Fremont.....	1,483	12,807	8.64	1,388	12,398	8.93
Garfield.....	2,648	25,340	9.57	2,711	25,825	9.53
Gilpin.....	6	65	11.00	3	35	11.00
Grand.....	121	1,210	10.00	160	1,600	10.00
Gunnison.....	281	2,445	8.70	227	2,085	9.19
Hinsdale.....	---	---	---	---	---	---
Huerfano.....	616	5,047	8.21	448	4,060	9.06
Jackson.....	92	990	10.76	84	840	10.00
Jefferson.....	998	9,365	9.38	1,143	8,850	7.74
Kiowa.....	1,044	13,395	12.83	1,004	12,625	12.57
Kit Carson.....	12,047	123,235	10.23	12,424	127,292	10.24
Lake.....	---	---	---	---	---	---
La Plata.....	1,704	13,240	7.77	1,580	10,755	6.80
Larimer.....	3,363	32,340	9.62	2,581	24,520	9.50
Las Animas.....	1,838	14,404	7.84	1,167	12,892	11.05
Lincoln.....	5,148	50,095	9.73	5,264	49,595	9.42
Logan.....	13,600	126,790	9.32	12,479	121,065	9.70
Mesa.....	3,220	35,505	11.03	3,350	37,890	11.31
Mineral.....	---	---	---	---	---	---
Moffat.....	695	6,920	9.96	650	6,845	10.53
Montezuma.....	1,473	9,430	6.40	1,021	6,850	6.70
Montrose.....	3,440	31,227	9.08	4,000	38,920	9.73
Morgan.....	8,644	82,180	9.51	9,225	76,110	8.14
Otero.....	5,106	44,610	8.74	3,920	37,725	9.55
Ouray.....	244	1,690	6.93	203	1,421	7.00
Park.....	45	530	11.78	42	460	11.00
Phillips.....	7,543	77,315	10.25	7,901	79,385	10.05
Pitkin.....	261	2,540	9.73	315	2,640	8.38
Prowers.....	7,375	69,293	9.40	6,972	60,696	8.71
Pueblo.....	3,576	26,965	7.54	3,251	24,605	7.57
Rio Blanco.....	383	3,830	10.00	321	3,210	10.00
Rio Grande.....	3,130	37,660	12.03	2,643	36,240	13.71
Routt.....	2,216	14,390	6.50	1,428	13,250	9.28
Saguache.....	917	12,314	13.43	1,190	15,095	12.68
San Juan.....	---	---	---	---	---	---
San Miguel.....	237	2,440	10.30	169	1,635	9.62
Sedgwick.....	3,957	48,805	12.33	3,382	43,395	12.83
Summit.....	25	375	15.00	31	375	12.00
Teller.....	98	900	9.19	50	505	10.10
Washington.....	12,696	125,540	9.89	12,859	126,250	9.82
Weld.....	11,067	115,390	10.43	10,716	111,280	10.38
Yuma.....	15,559	167,940	10.80	17,496	183,150	10.47
State.....	184,530	\$1,802,999	\$ 9.77	178,906	\$1,746,068	\$ 9.76

GOATS
(From Reports of County Assessors to State Tax Commission)

COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams	208	\$ 2,550	\$12.26	237	\$ 2,110	\$ 8.90
Alamosa	---	---	---	---	---	---
Arapahoe	133	900	6.77	230	1,150	5.00
Archuleta	699	2,105	3.01	1,136	3,420	3.00
Baca	---	---	---	---	---	---
Bent	---	---	---	---	---	---
Boulder	---	---	---	---	---	---
Chaffee	173	450	2.60	170	455	2.68
Cheyenne	---	---	---	---	---	---
Clear Creek	12	120	10.00	2	20	10.00
Conejos	---	---	---	---	---	---
Costilla	298	895	3.00	88	265	3.01
Crowley	23	210	9.13	33	165	5.00
Custer	3	10	3.33	---	---	---
Delta	2,300	9,200	4.00	2,300	9,200	4.00
Denver	---	---	---	---	---	---
Dolores	80	400	5.00	205	1,082	5.28
Douglas	690	3,450	5.00	507	2,535	5.00
Eagle	4	12	3.00	6	40	6.66
Elbert	---	---	---	---	---	---
El Paso	222	1,940	8.74	240	2,110	8.79
Fremont	242	1,406	5.81	100	306	3.00
Garfield	---	---	---	---	---	---
Gilpin	20	60	3.00	34	102	3.00
Grand	---	---	---	---	---	---
Gunnison	145	610	4.21	161	605	3.76
Hinsdale	---	---	---	---	---	---
Huerfano	505	1,640	3.25	215	775	3.60
Jackson	4	40	10.00	4	40	10.00
Jefferson	362	2,645	7.30	539	3,205	5.95
Kiowa	---	---	---	---	---	---
Kit Carson	33	272	8.24	47	240	5.11
Lake	---	---	---	---	---	---
La Plata	824	1,415	1.72	987	1,135	1.15
Larimer	30	300	10.00	30	300	10.00
Las Animas	4,816	16,761	3.48	4,822	14,852	3.08
Lincoln	---	---	---	---	---	---
Logan	---	---	---	---	---	---
Mesa	1,920	9,865	5.14	147	735	5.00
Mineral	8	200	25.00	9	225	25.00
Moffat	96	570	5.94	159	650	4.08
Montezuma	170	575	3.38	112	475	4.24
Montrose	---	---	---	---	---	---
Morgan	---	---	---	---	---	---
Otero	---	---	---	---	---	---
Ouray	---	---	---	10	25	2.50
Park	62	630	10.16	51	360	7.00
Phillips	---	---	---	---	---	---
Pitkin	90	715	7.94	---	---	---
Prowers	---	---	---	101	235	2.33
Pueblo	289	1,640	5.68	252	1,675	6.65
Rio Blanco	---	---	---	---	---	---
Rio Grande	---	---	---	---	---	---
Routt	---	---	---	---	---	---
Saguache	---	---	---	---	---	---
San Juan	---	---	---	---	---	---
San Miguel	---	---	---	---	---	---
Sedgwick	9	120	13.44	18	105	5.83
Summit	---	---	---	---	---	---
Teller	---	---	---	10	55	5.50
Washington	---	---	---	---	---	---
Weld	---	---	---	---	---	---
Yuma	6	110	18.40	15	70	4.67
State	14,476	\$61,816	\$ 4.27	12,977	\$48,722	\$ 3.75

FOXES

(From Reports of County Assessors to State Tax Commission)

COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams.....	51	\$ 3,820	\$75.00	69	\$ 5,150	\$75.00
Alamosa.....	---	---	---	---	---	---
Arapahoe.....	48	3,600	75.00	62	4,670	75.00
Archuleta.....	---	---	---	---	---	---
Baca.....	6	450	75.00	11	825	75.00
Bent.....	---	---	---	---	---	---
Boulder.....	180	13,900	77.22	222	16,650	75.00
Chaffee.....	---	---	---	---	---	---
Cheyenne.....	---	---	---	---	---	---
Clear Creek.....	---	---	---	---	---	---
Conejos.....	---	---	---	---	---	---
Costilla.....	20	1,500	75.00	20	1,500	75.00
Crowley.....	---	---	---	---	---	---
Custer.....	78	5,850	75.00	78	5,850	75.00
Delta.....	---	---	---	---	---	---
Denver.....	---	---	---	---	---	---
Dolores.....	---	---	---	---	---	---
Douglas.....	171	12,825	75.00	240	18,000	75.00
Eagle.....	24	1,800	75.00	27	2,025	75.00
Elbert.....	---	---	---	37	2,775	75.00
El Paso.....	107	14,500	135.50	225	21,400	95.11
Fremont.....	---	---	---	---	---	---
Garfield.....	94	7,050	75.00	128	9,665	75.56
Gilpin.....	*103	7,005	68.01	*66	4,020	60.90
Grand.....	6	450	75.00	12	900	75.00
Gunnison.....	31	2,325	75.00	51	3,895	76.37
Hinsdale.....	---	---	---	---	---	---
Huerfano.....	---	---	---	---	---	---
Jackson.....	---	---	---	---	---	---
Jefferson.....	*1,300	94,250	72.50	*1,236	89,150	72.13
Kiowa.....	---	---	---	---	---	---
Kit Carson.....	---	---	---	---	---	---
Lake.....	---	---	---	---	---	---
La Plata.....	62	4,650	75.00	86	6,450	75.00
Larimer.....	111	8,330	75.05	136	10,200	75.00
Las Animas.....	---	---	---	---	---	---
Lincoln.....	---	---	---	---	---	---
Logan.....	---	---	---	---	---	---
Mesa.....	---	---	---	---	---	---
Mineral.....	---	---	---	---	---	---
Moffat.....	---	---	---	---	---	---
Montezuma.....	---	---	---	38	2,870	75.53
Montrose.....	48	3,600	75.00	68	5,100	75.00
Morgan.....	35	2,620	75.00	52	3,870	75.00
Otero.....	---	---	---	---	---	---
Ouray.....	---	---	---	---	---	---
Park.....	2	160	80.00	33	2,470	74.85
Phillips.....	---	---	---	---	---	---
Pitkin.....	32	2,450	76.56	31	2,350	75.80
Prowers.....	---	---	---	---	---	---
Pueblo.....	---	---	---	15	1,125	75.00
Rio Blanco.....	---	---	---	---	---	---
Rio Grande.....	131	9,820	75.00	187	14,010	75.00
Routt.....	16	1,200	75.00	14	1,000	76.92
Saguache.....	---	---	---	---	---	---
San Juan.....	---	---	---	---	---	---
San Miguel.....	30	2,250	75.00	13	970	75.00
Sedgwick.....	9	675	75.00	16	1,200	75.00
Summit.....	18	1,350	75.00	14	1,050	75.00
Teller.....	---	---	---	*98	6,230	63.57
Washington.....	---	---	---	---	---	---
Weld.....	---	---	---	---	---	---
Yuma.....	---	---	---	---	---	---
State.....	2,713	\$206,430	\$76.09	3,285	\$245,370	\$74.70

*Silver and Red Foxes.

ALL OTHER ANIMALS*
(From Reports of County Assessors to State Tax Commission)

COUNTY	1929			1930		
	Number	Assessed Value	Average Per Head	Number	Assessed Value	Average Per Head
Adams.....	777	\$ 5,800	\$ 7.47	412	\$ 6,350	\$15.41
Alamosa.....	---	---	---	---	---	---
Arapahoe.....	3,612	5,965	1.65	3,512	5,595	1.59
Archuleta.....	7	35	5.00	35	175	5.00
Baca.....	135	2,186	16.19	150	2,825	18.83
Bent.....	---	---	---	---	---	---
Boulder.....	620	2,250	3.63	840	1,930	2.30
Chaffee.....	105	3,290	31.33	50	620	12.40
Cheyenne.....	51	2,585	50.69	---	---	---
Clear Creek.....	18	100	5.56	---	---	---
Conejos.....	---	---	---	---	---	---
Costilla.....	---	---	---	---	---	---
Crowley.....	25	1,260	50.40	8	725	90.63
Custer.....	---	---	---	---	---	---
Delta.....	4,180	8,040	1.92	3,210	6,035	1.88
Denver.....	1,500	15,770	10.51	600	6,490	10.80
Dolores.....	18	565	31.39	2	10	5.00
Douglas.....	460	7,180	15.60	591	12,015	20.32
Eagle.....	6	30	5.00	---	---	---
Elbert.....	54	551	10.20	17	210	12.35
El Paso.....	360	14,110	39.19	347	13,260	38.21
Fremont.....	---	---	---	102	2,779	27.25
Garfield.....	---	---	---	---	---	---
Gilpin.....	---	---	---	---	---	---
Grand.....	---	---	---	38	380	10.00
Gunnison.....	206	360	1.75	445	340	.76
Hinsdale.....	8	40	5.00	5	25	5.00
Huerfano.....	---	---	---	---	---	---
Jackson.....	12	1,150	95.83	11	1,040	94.54
Jefferson.....	---	5,265	---	82	3,200	3.90
Kiowa.....	977	10,095	10.33	837	8,460	10.11
Kit Carson.....	34	562	10.65	108	147	1.36
Lake.....	---	---	---	---	---	---
La Plata.....	36	360	10.00	30	190	6.33
Larimer.....	---	---	---	---	---	---
Las Animas.....	30	834	27.80	---	---	---
Lincoln.....	---	---	---	---	---	---
Logan.....	2,109	7,960	3.73	3,090	9,025	2.92
Mesa.....	---	---	---	---	---	---
Mineral.....	---	---	---	---	---	---
Moffat.....	7	150	21.45	7	160	22.86
Montezuma.....	36	2,350	65.28	43	150	3.49
Montrose.....	---	---	---	---	---	---
Morgan.....	---	---	---	---	---	---
Otero.....	1,185	5,790	4.89	531	1,945	3.66
Ouray.....	---	---	---	---	---	---
Park.....	114	810	7.00	117	710	6.00
Phillips.....	16	1,425	89.06	25	380	15.20
Pitkin.....	---	---	---	3	15	5.00
Prowers.....	386	3,845	9.96	---	---	---
Pueblo.....	87	1,390	15.98	169	1,235	7.31
Rio Blanco.....	---	---	---	---	---	---
Rio Grande.....	429	8,995	20.97	331	5,935	17.73
Routt.....	224	760	3.40	226	1,590	7.04
Saguache.....	662	1,614	2.44	765	1,770	2.31
San Juan.....	---	---	---	---	---	---
San Miguel.....	167	2,375	14.22	250	3,090	12.36
Sedgwick.....	37	725	19.60	29	340	11.72
Summit.....	---	---	---	---	---	---
Teller.....	26	750	28.85	43	740	17.21
Washington.....	102	1,295	12.70	76	825	10.86
Weld.....	941	38,450	40.86	8,563	209,480	24.46
Yuma.....	32	2,450	76.53	23	1,510	65.65
State.....	19,791	\$169,317	\$ 8.56	25,723	\$311,701	\$12.12

*Includes rabbits and other small animals.

**AVERAGE VALUE OF HORSES AND MULES PER HEAD AS RETURNED BY
COUNTY ASSESSORS FOR 1914, 1919, 1929, 1930**

COUNTY	HORSES				MULES			
	1930	1929	1919	1914	1930	1929	1919	1914
Adams	\$35.26	\$35.29	\$87.30	\$73.58	\$38.47	\$36.04	\$113.50	\$93.64
Alamosa	58.93	56.15	73.33	43.74	72.62	71.96	111.90	81.57
Arapahoe	36.20	35.24	68.36	62.86	41.08	41.94	84.73	82.05
Archuleta	31.55	33.39	61.72	44.12	37.97	41.18	60.00	63.71
Baca	18.10	19.85	45.00	34.20	25.40	26.65	60.00	45.97
Bent	26.57	28.22	57.71	58.20	40.07	39.07	70.25	68.11
Boulder	40.73	41.15	113.04	83.55	51.26	53.16	114.81	88.59
Chaffee	41.39	47.37	62.88	55.67	42.78	27.50	85.00	100.00
Cheyenne	25.11	25.80	59.09	40.61	33.40	32.91	81.56	73.34
Clear Creek	41.33	38.30	66.39	70.03	15.00	30.00	62.50	112.50
Conejos	39.96	39.79	75.40	66.50	50.00	46.92	87.00	98.53
Costilla	35.44	37.14	74.50	46.12	36.58	40.72	76.68	100.73
Crowley	34.20	35.19	67.61	70.03	46.13	47.81	84.74	94.80
Custer	29.58	29.25	67.51	60.36	34.48	30.52	67.80	53.21
Delta	35.02	35.52	85.01	75.17	44.34	42.60	95.20	102.97
Denver	45.97	74.07	100.00	63.79	46.23	58.55	100.00	77.16
Dolores	23.60	29.77	78.72	67.70	29.37	29.45	105.78	80.83
Douglas	50.98	51.55	68.79	64.17	51.45	52.30	97.10	63.15
Eagle	37.89	41.88	81.94	66.91	51.10	51.47	78.30	96.15
Elbert	32.22	33.41	68.20	56.00	38.61	39.22	87.89	72.37
El Paso	29.63	29.49	67.00	60.19	35.10	34.86	89.00	82.92
Fremont	29.61	30.73	53.72	56.64	52.28	49.18	78.00	72.75
Garfield	41.29	38.15	72.03	65.20	46.60	43.56	96.42	78.77
Gilpin	29.88	33.70	60.48	58.22	30.00	30.00	75.00	56.00
Grand	26.84	29.72	64.08	55.01	30.00	46.21	62.66	67.27
Gunnison	39.24	38.94	70.06	61.99	50.40	48.30	104.89	100.48
Hinsdale	32.61	32.93	58.00	52.09	.....	.....	53.00	66.66
Huerfano	27.73	28.77	64.50	74.11	78.37	80.32	122.00	97.91
Jackson	19.55	18.69	48.88	61.53	26.54	27.47	84.68	72.76
Jefferson	33.19	32.06	71.19	75.13	44.06	42.92	102.45	110.00
Kiowa	39.96	40.00	59.65	45.57	40.00	40.00	95.04	93.09
Kit Carson	35.94	28.59	52.13	58.58	37.05	33.02	58.04	66.02
Lake	35.73	37.00	73.95	88.15	50.00	25.00	73.20	.....
La Plata	28.32	30.55	69.20	67.54	28.65	41.17	72.28	64.73
Larimer	34.48	35.20	112.00	87.30	38.25	52.00	123.40	111.74
Las Animas	20.14	21.74	49.70	61.00	59.41	52.74	103.00	93.16
Lincoln	24.03	23.01	54.83	52.33	30.77	30.31	89.52	67.20
Logan	32.47	35.40	93.29	66.24	41.07	41.66	106.98	87.25
Mesa	36.41	35.15	73.29	60.26	42.58	42.06	87.82	86.92
Mineral	28.46	26.48	54.71	48.72	59.16	53.33	84.00	35.00
Moffat	19.75	18.41	63.00	50.60	32.11	31.23	85.40	105.84
Montezuma	29.32	31.54	71.20	90.00	32.85	34.65	82.60	100.00
Montrose	31.33	37.37	81.39	71.77	37.81	38.23	98.89	94.19
Morgan	32.90	37.00	87.84	80.40	44.92	42.52	95.56	105.34
Otero	33.91	35.05	74.41	75.82	49.84	52.01	98.78	103.63
Ouray	28.08	30.56	55.95	68.87	27.17	34.32	62.04	71.71
Park	35.83	39.93	71.14	60.99	54.44	53.24	81.80	117.20
Phillips	32.22	32.36	66.40	58.09	41.65	37.50	83.87	74.07
Pitkin	32.35	36.47	71.29	64.98	24.29	34.47	101.33	50.00
Prowers	21.05	28.25	62.00	61.15	29.11	34.46	80.00	78.79
Pueblo	35.25	38.55	68.70	60.07	47.09	45.47	100.89	83.09
Rio Blanco	33.13	31.73	57.94	55.86	38.74	39.85	92.30	93.57
Rio Grande	43.53	47.37	75.70	72.30	51.52	52.66	113.08	107.43
Routt	37.20	38.02	75.58	68.79	50.00	.....	93.00	90.27
Saguache	33.50	32.50	51.00	36.94	38.60	36.47	80.00	62.76
San Juan	51.25	70.64	68.25	72.57	40.66	41.21	76.81	74.25
San Miguel	46.59	46.42	81.00	70.99	39.68	44.34	79.59	81.00
Sedgwick	39.28	41.99	62.05	68.45	44.51	45.16	83.10	81.10
Summit	38.00	40.00	80.24	64.78	30.00	50.00	75.00	77.14
Teller	25.09	39.71	57.06	54.38	60.75	55.37	83.20	74.03
Washington	25.08	24.87	59.19	62.47	27.60	27.92	79.02	84.53
Weld	38.58	42.26	89.34	80.86	43.65	50.27	100.26	101.33
Yuma	33.55	35.00	60.00	58.03	38.92	39.66	72.00	67.58
State	\$32.33	\$33.75	\$71.16	\$65.08	\$41.70	\$41.92	\$88.56	\$85.03

AVERAGE VALUE OF RANGE CATTLE AND MILK COWS PER HEAD AS
RETURNED BY COUNTY ASSESSORS FOR 1914, 1919, 1929, 1930

COUNTY	RANGE CATTLE				MILK COWS			
	1930	1929	1919	1914	1930	1929	1919	1914
Adams	\$33.03	\$35.65	\$43.00	\$32.01	\$47.49	\$46.48	\$78.28	\$52.17
Alamosa	32.80	32.24	44.24	35.65	49.99	49.88	75.14	53.00
Arapahoe	35.40	35.18	41.29	30.79	52.25	55.80	78.30	55.40
Archuleta	34.39	34.42	45.00	25.40	50.22	50.31	67.20	42.31
Baca	34.14	34.48	41.00	26.56	42.63	44.68	66.00	....
Bent	34.04	33.51	41.88	35.45	46.63	47.28	62.26	58.25
Boulder	33.20	33.95	52.08	28.67	44.39	50.50	74.60	50.84
Chaffee	34.45	33.36	42.47	32.49	49.80	46.21	68.29	48.62
Cheyenne	33.62	33.02	45.87	39.85	52.17	41.27	65.27	....
Clear Creek.....	35.31	34.74	41.44	40.39	49.70	52.60	65.10	50.00
Conejos	35.64	34.02	42.00	37.46	47.73	47.49	65.00	45.00
Costilla	33.92	32.53	43.00	36.62	50.10	47.64	76.23	50.27
Crowley	33.59	34.12	44.85	34.70	50.20	50.36	66.77	48.29
Custer	33.49	31.54	41.85	35.06	43.67	44.35	60.13	43.98
Delta	33.81	33.83	45.05	35.42	50.00	51.76	78.66	63.00
Denver .....	....	....	....	....	43.69	49.15	80.00	47.95
Dolores	35.23	32.46	45.57	33.67	40.64	42.06	69.86	44.59
Douglas	37.97	37.18	47.50	32.34	50.01	55.50	77.62	50.52
Eagle	35.24	35.17	44.87	33.50	50.00	50.00	71.75	46.53
Elbert	33.52	33.19	43.66	26.27	50.12	48.78	68.47	43.16
El Paso.....	35.29	34.54	42.71	31.96	48.18	49.65	61.00	52.74
Fremont	34.04	32.64	42.70	30.26	53.34	43.65	72.00	44.71
Garfield	34.72	32.99	42.61	34.50	50.31	50.07	68.39	48.25
Gilpin	32.39	32.12	40.00	30.14	44.10	41.59	60.00	....
Grand	36.34	34.48	45.27	37.24	50.17	50.57	66.38	50.00
Gunnison	34.05	34.22	47.97	36.66	50.02	53.08	71.00	....
Hinsdale	33.71	32.90	42.00	30.29	40.24	40.13	64.00	50.16
Huerfano	35.22	35.97	42.00	36.61	43.35	50.01	95.00	....
Jackson	33.69	39.81	44.99	39.99	50.00	50.00	65.00	55.00
Jefferson	34.60	34.29	46.17	35.91	51.44	49.86	80.00	60.13
Kiowa	33.71	33.54	44.92	35.25	50.00	50.00	64.75	....
Kit Carson.....	33.55	36.38	42.95	29.53	50.37	48.70	61.14	42.63
Lake	35.76	36.27	42.53	34.60	49.97	52.61	64.92	58.24
La Plata.....	33.32	32.72	40.40	30.26	50.24	43.12	69.77	50.49
Larimer	34.13	34.26	42.25	31.83	48.35	49.99	77.00	51.30
Las Animas.....	35.80	34.37	44.00	32.50	43.37	40.97	74.00	56.89
Lincoln	33.53	31.71	44.13	33.15	46.38	40.49	65.06	....
Logan	34.18	33.23	48.21	35.14	42.90	48.28	72.61	50.25
Mesa	32.90	32.21	43.20	36.66	50.05	50.00	70.16	48.67
Mineral	35.71	24.47	40.00	29.98	47.11	41.87	65.77	46.40
Moffat	33.21	34.33	42.50	39.01	47.91	42.00	65.00	....
Montezuma	31.74	31.46	42.33	32.71	50.09	49.79	66.81	45.02
Montrose	33.28	32.27	46.44	35.42	50.01	48.20	72.54	58.26
Morgan	32.48	32.25	41.71	41.77	41.24	46.36	65.38	48.14
Otero	32.86	35.52	43.22	42.35	52.04	49.71	71.36	58.50
Ouray	32.29	32.86	42.26	35.07	46.50	50.05	64.83	44.88
Park	34.61	35.60	44.09	35.00	50.16	49.75	65.00	55.00
Phillips	32.63	33.58	45.26	35.01	40.00	40.54	62.85	48.69
Pitkin	34.18	36.04	48.20	30.60	40.00	40.00	75.00	55.00
Prowers	33.04	32.73	41.70	32.23	42.87	45.70	73.50	59.26
Pueblo	34.63	34.18	45.73	36.02	46.36	45.77	72.52	51.39
Rio Blanco.....	33.39	33.70	44.00	35.73	54.23	44.33	70.23	53.57
Rio Grande.....	32.93	32.61	40.61	34.78	50.00	50.24	70.00	50.64
Routt	37.06	33.44	58.65	36.65	50.19	50.20	72.45	50.50
Saguache	33.38	33.59	39.55	33.67	50.04	50.00	60.00	....
San Juan.....	35.17	35.38	47.21	....	42.22	41.40	65.16	57.10
San Miguel.....	33.13	31.75	47.96	38.00	49.73	49.91	76.90	63.86
Sedgwick	33.52	33.29	41.60	35.21	43.88	47.51	69.13	49.58
Summit	33.79	33.63	54.66	35.16	40.00	40.00	75.00	....
Teller	35.48	34.69	40.17	33.41	42.28	41.21	60.09	46.05
Washington	33.46	32.60	41.88	35.23	35.26	41.96	75.30	61.76
Weld	34.38	34.30	44.38	35.35	45.46	47.57	75.18	51.87
Yuma	33.33	37.87	41.25	35.23	40.93	43.95	65.37	....
State.....	\$34.13	\$34.06	\$44.30	\$34.74	\$46.94	\$47.82	\$71.06	\$51.10

ASSESSED VALUE OF LIVESTOCK IN COLORADO, 1930 AND 1929
(Compiled from Records of the State Tax Commission)

COUNTY	Horses 1930	Mules 1930	Range Cattle 1930*	Dairy Cattle 1930	Sheep 1930	Swine 1930	All Other Animals 1930†	Total 1930	Total 1929
Adams	\$ 203,520	\$ 13,540	\$ 182,910	\$ 321,010	\$ 27,500	\$ 91,390	\$ 13,610	\$ 853,490	\$ 854,660
Alamosa	97,580	10,675	209,185	58,190	51,920	16,840	11,115	444,300	450,030
Arapahoe	96,280	8,215	220,825	227,770	43,415	13,765	11,415	621,635	688,260
Archuleta	36,635	2,240	306,237	32,695	123,770	3,184	3,395	508,356	537,263
Baca	124,238	16,510	747,781	65,430	41,580	52,797	3,650	1,051,986	1,094,201
Bent	117,265	18,635	445,300	69,435	96,435	20,440	.....	767,510	731,610
Boulder	141,440	19,580	193,650	257,480	31,340	14,870	18,580	676,940	742,360
Chaffee	38,120	770	171,825	45,020	34,165	12,345	1,075	202,390	303,980
Cheyenne	70,345	10,085	666,365	44,500	57,435	26,845	.....	875,575	883,329
Clear Creek	57,125	30	66,920	4,970	10,545	.....	20	27,610	23,360
Conchos	87,965	11,580	369,580	78,650	452,740	30,205	.....	1,028,515	1,235,815
Costilla	47,665	2,380	66,390	13,190	127,740	12,315	1,465	277,345	290,265
Crowley	83,100	1,390	225,450	47,140	33,470	17,015	890	529,455	561,035
Custer	32,865	1,000	203,975	35,070	23,570	2,200	5,350	306,530	331,855
Delta	134,765	13,480	571,085	209,750	289,350	22,180	15,235	1,255,845	1,348,765
Denver	28,180	2,450	.....	15,290	.....	.....	6,490	52,410	72,040
Dolores	10,950	2,320	98,643	13,126	92,185	1,885	1,092	220,201	234,350
Douglas	99,150	3,550	469,570	240,310	8,390	7,830	32,550	861,350	907,750
Eagle	88,965	4,190	575,899	59,600	147,498	5,616	2,065	883,833	960,699
Elbert	180,985	23,575	742,369	308,325	58,440	39,547	2,985	1,415,431	1,485,985
El Paso	138,360	39,450	731,380	360,420	33,360	33,430	36,770	1,373,170	1,429,750
Fremont	42,395	6,796	273,975	89,832	15,925	12,398	3,085	444,406	438,251
Garfield	193,685	12,900	856,320	166,670	484,930	25,825	9,665	1,749,395	1,840,685
Gilpin	37,735	20	16,001	1,720	.....	35	4,222	25,643	35,260
Grand	53,070	540	393,185	60,950	94,375	1,600	1,280	611,500	596,980
Gunnison	99,190	12,900	354,250	63,470	274,100	2,085	4,340	1,410,835	1,457,930
Hinsdale	5,185	.....	46,279	10,704	21,545	.....	25	83,738	70,316
Huerfano	51,475	32,605	391,233	76,123	140,199	4,060	775	696,470	847,095
Jackson	50,440	1,460	901,880	34,800	141,190	840	1,080	1,131,600	1,213,530
Jefferson	96,645	6,345	312,800	236,420	16,535	8,850	98,555	773,180	770,135

Kiowa	44,360	6,640	443,650	28,150	46,695	12,625	8,460	590,580	619,910
Kit Carson	265,736	37,825	562,024	272,145	23,874	127,292	387	1,289,583	1,216,543
Lake	8,360	100	14,090	8,150	2,265	10,755	...	32,965	34,870
La Plata	83,005	4,900	392,245	123,490	172,575	10,755	7,775	794,845	898,090
Larimer	267,700	30,980	613,450	139,990	93,470	24,520	10,500	1,360,610	1,429,650
Las Animas	68,920	1,447,187	1,622,068	1,447,187	486,043	12,892	14,852	2,331,401	2,208,938
Lincoln	131,835	21,075	846,085	136,835	57,180	49,945	...	1,242,605	1,278,185
Logan	319,250	32,855	628,555	302,035	19,453	121,065	9,025	1,432,038	1,478,380
Mesa	200,655	18,310	1,093,920	324,830	552,640	37,890	735	2,228,980	2,153,930
Mineral	9,195	710	43,320	3,910	67,195	...	225	130,555	132,440
Moñat	104,380	6,905	426,265	67,080	496,840	6,815	810	1,103,125	1,256,105
Montezuma	17,875	9,100	268,960	127,120	235,020	6,850	3,495	718,420	850,780
Montrose	148,010	9,340	502,305	159,235	344,630	38,420	5,100	1,207,540	1,351,152
Morgan	269,310	34,320	331,580	250,290	8,500	75,110	3,870	972,980	1,113,450
Otero	188,445	46,155	374,875	169,715	162,400	37,725	1,945	981,260	988,750
Ouray	16,570	1,250	198,585	22,460	75,600	1,421	25	315,911	336,163
Park	58,860	3,430	398,740	34,710	246,370	460	3,540	746,110	894,095
Phillips	105,175	16,160	114,980	115,070	1,275	79,385	380	432,425	432,340
Pitkin	27,400	340	165,025	20,120	35,375	2,640	2,365	253,265	315,305
Prowers	185,516	31,551	464,309	157,470	76,631	60,696	235	976,408	1,109,042
Pueblo	155,295	18,645	642,580	202,635	68,440	24,605	4,035	1,116,635	1,160,865
Rio Blanco	88,115	6,935	898,900	39,555	395,460	3,210	...	1,432,175	1,570,485
Rio Grande	106,085	24,730	309,480	65,100	281,705	36,240	19,945	843,285	868,880
Rout	209,750	1,500	905,390	166,630	456,820	13,250	2,590	1,755,990	1,841,620
Saguache	80,918	9,265	838,623	40,080	447,967	15,095	1,770	1,433,718	1,647,688
San Juan	2,555	1,220	5,030	1,140	47,318	...	...	56,962	79,833
San Miguel	29,215	1,230	169,525	30,785	221,585	1,635	4,060	458,035	555,390
Sedgewick	98,440	12,240	180,540	91,180	6,255	43,395	1,645	433,695	477,695
Summit	17,670	90	117,530	14,400	11,720	375	1,050	162,835	146,540
Teller	19,450	2,430	158,865	24,100	1,980	505	7,025	214,355	188,120
Washington	218,945	17,335	757,627	119,180	74,550	126,250	825	1,314,712	1,316,666
Weld	848,670	93,060	749,890	916,770	130,650	111,280	209,480	3,050,800	3,152,000
Yuma	300,210	47,720	897,680	321,980	18,760	183,450	1,580	1,771,180	1,767,820
State	\$ 7,294,217	\$ 917,187	\$27,312,372	\$ 8,092,468	\$ 8,340,788	\$ 1,746,068	\$ 605,793	\$54,308,893	\$57,407,042

Note—This table does not include sheep and cattle fed in transit.

* Includes pure bred cattle not classified.

† Includes goats, burros, foxes, rabbits and other small animals.

**AVERAGE VALUE OF SHEEP AND SWINE PER HEAD AS RETURNED BY COUNTY
ASSESSORS IN 1914, 1919, 1929, 1930**

COUNTY	SHEEP				SWINE			
	1930	1929	1919	1914	1930	1929	1919	1914
Adams	\$ 5.50	\$ 8.00	\$ 7.39	\$ 3.02	\$ 7.75	\$ 9.02	\$15.06	\$ 9.03
Alamosa	6.13	8.03	10.20	2.47	11.66	11.71	16.96	8.30
Arapahoe	5.54	8.00	10.00	3.50	10.14	8.18	15.00	9.31
Archuleta	5.53	8.12	10.00	3.00	7.69	7.69	10.50	5.89
Baca	5.50	8.00	9.00	2.50	8.76	8.64	12.00	4.45
Bent	5.50	7.23	9.40	2.64	11.10	10.52	9.77	5.89
Boulder	5.50	7.25	9.34	3.33	10.39	10.52	16.47	10.29
Chaffee	5.55	8.18	10.00	3.88	8.46	9.40	11.19	6.21
Cheyenne	5.52	7.45	10.01	3.00	10.01	10.78	20.67	7.58
Clear Creek	5.50	6.19	10.00	....	....	12.00	18.12	....
Conejos	5.51	7.91	10.00	2.74	11.39	8.91	13.00	6.48
Costilla	5.50	7.70	10.27	3.00	9.72	10.01	14.00	7.17
Crowley	5.52	6.50	8.23	3.06	9.84	9.59	12.93	5.94
Custer	5.56	7.35	10.00	2.62	7.31	7.38	13.48	5.10
Delta	5.53	8.26	11.16	3.99	9.47	8.61	12.53	7.66
Denver .....	....	....	....	....	....	....	....	....
Dolores	5.50	6.98	10.53	4.00	14.07	8.97	12.90	7.33
Douglas	7.84	8.01	10.00	....	10.52	11.42	15.04	7.90
Eagle	5.50	8.00	9.80	2.99	12.00	12.00	12.16	5.41
Elbert	5.58	6.37	9.55	2.39	10.69	10.38	16.35	7.09
El Paso	5.53	7.59	10.00	2.49	10.05	9.93	16.47	7.44
Fremont	5.59	6.34	....	....	8.93	8.64	13.80	6.59
Garfield	5.52	8.01	10.00	3.96	9.53	9.57	10.70	5.17
Gilpin .....	....	....	10.00	....	11.00	11.00	20.00	....
Grand	5.65	7.57	10.00	2.51	10.00	10.00	13.96	5.00
Gunnison	5.63	7.93	11.91	4.00	9.19	8.70	13.59	7.61
Hinsdale	5.44	5.76	10.00	3.64	....	....	7.00	5.00
Huerfano	5.51	7.41	10.00	3.04	9.06	8.21	15.00	6.23
Jackson	5.50	6.61	10.07	2.70	10.00	10.76	12.24	10.00
Jefferson	5.50	6.54	10.00	4.02	7.74	9.38	17.00	9.00
Kiowa	5.50	6.15	10.00	3.00	12.57	12.83	17.75	7.54
Kit Carson	5.50	7.30	10.88	3.03	10.24	10.23	15.94	7.88
Lake	5.50	6.66	11.60	2.55	....	....	....	....
La Plata	5.50	5.82	10.15	2.74	6.81	7.77	11.47	6.26
Larimer	5.98	7.21	10.26	2.48	9.50	9.62	19.00	8.12
Las Animas	6.15	7.83	10.00	3.49	11.05	7.84	9.00	12.65
Lincoln	5.51	7.65	10.07	2.49	9.42	9.73	15.35	6.77
Logan	5.50	3.97	10.81	4.06	9.70	9.32	15.63	9.11
Mesa	5.60	7.85	10.85	3.93	11.31	11.03	....	6.82
Mineral	5.73	7.68	10.00	3.49	....	....	11.25	....
Moffat	5.60	6.83	11.20	3.99	10.53	9.96	12.00	5.93
Montezuma	5.50	6.99	10.35	4.00	6.71	6.40	11.21	10.00
Montrose	5.50	7.05	13.03	3.57	9.73	9.08	12.86	5.71
Morgan	5.50	4.48	10.00	2.65	8.14	9.51	14.14	8.08
Otero	5.50	6.56	9.72	2.71	9.62	8.74	13.57	7.26
Ouray	5.50	7.53	15.70	3.96	7.00	6.93	10.52	6.24
Park	5.86	7.86	9.47	2.75	11.00	11.78	15.40	11.78
Phillips	6.00	8.12	....	....	10.05	10.25	16.56	9.90
Pitkin	5.71	7.97	10.00	1.84	8.38	9.73	14.00	5.51
Prowers	5.50	3.69	8.16	2.35	8.71	9.40	14.20	6.13
Pueblo	5.50	7.03	12.75	3.71	7.57	7.54	14.19	6.17
Rio Blanco	5.65	8.00	12.02	....	10.00	10.00	13.27	7.59
Rio Grande	5.50	6.62	10.03	3.56	13.71	12.03	16.10	8.41
Routt	5.74	7.33	12.50	3.50	5.28	6.50	17.95	8.20
Saguache	5.65	8.02	10.00	2.47	12.68	13.43	15.52	8.30
San Juan	5.51	7.68	10.01	3.97	....	....	....	....
San Miguel	5.53	7.73	10.72	2.69	9.67	10.30	14.25	7.44
Sedgwick	5.50	7.26	5.97	2.79	12.83	12.33	18.23	10.65
Summit	5.50	8.00	12.00	4.00	12.00	15.00	15.00	10.00
Teller	5.53	7.39	....	....	10.10	9.19	10.93	5.90
Washington	5.51	6.99	9.05	3.39	9.82	9.89	15.79	8.83
Weld	5.50	7.34	11.14	2.67	10.38	10.43	14.90	8.44
Yuma	5.65	6.31	10.10	2.88	10.47	10.80	18.90	8.24
State	\$ 5.61	\$ 7.41	\$10.46	\$ 3.12	\$ 9.76	\$ 9.77	\$15.14	\$ 7.86

Dairying

DAIRYING ranks as one of Colorado's most important industries. In the fiscal year ending June 30, 1930, there were 180 plants in the state engaged in manufacturing dairy products under licenses from the state dairy commissioner. The products of these plants included butter, cheese, ice cream, condensed and evaporated milk and dried and malted milk. The output of these factories during the year, as reported by the state dairy commissioner, was valued at \$15,308,385, which with the value of farm butter and milk for fluid use, gave a total value of all dairy products for that year of \$28,635,024. Colorado ranked 18th among the states of the Union in 1927 in the number of pounds of butter produced in manufacturing plants and 13th in the value of its cheese output, as reported by the bureau of the census on manufactures for that year. Its exports of dairy products have exceeded in value its imports for a period of several years.

The value of all dairy products, including the products of the factories, as reported by the state dairy commissioner for fiscal years ending on June 30, was as follows:

1923	\$23,348,356
1924	28,543,590
1925	25,832,969
1926	26,430,336
1927	28,902,412
1928	31,453,025
1929	33,134,695
1930	28,635,025

While there was a decrease of \$4,499,670 in the value of all dairy products in 1930 as compared with 1929, this was due to lower prices in part and in part to a revision of estimates of milk for fluid use based on the 1930 census figures on population. The quantity of products showed an increase.

The value of factory products, butter, cheese, condensed milk, etc., as reported by the state dairy inspector for the fiscal years ending June 30, was as follows:

1923	\$11,354,477
1924	14,004,422
1925	12,114,710
1926	13,450,855
1927	14,533,764
1928	17,117,396
1929	18,553,840
1930	15,308,386

Butter production in the fiscal year ending June 30, 1930, was 23,004,776 pounds, valued at \$8,511,767, which compares with 21,747,865 pounds, valued at \$10,547,715, in 1929, an increase of 1,256,911 pounds and a decrease of \$2,035,948 in value.

The production of cheese of all varieties in the factories of the state has shown a steady increase by years. The total for 1930 was 5,553,597 pounds, which compares with 5,344,006 pounds in 1929 and 3,842,816 pounds in 1928. The value, with the exception of 1930, also has shown a consistent increase. Total value in 1930 was \$986,762, against \$1,023,190 in 1929, \$748,131 in 1928 and \$407,863 in 1927.

An accompanying table shows in detail the dairy operations of the state for 1930, with comparisons for 1929 and 1928, as reported by the state dairy commissioner.

The number of plants in the state identified with dairying as of June 30 of the years named as reported by the state dairy inspector is as follows:

	1930	1929	1928
Creameries	76	81	80
Ice cream plants.....	82	84	95
Cheese factories.....	19	18	20
Malted and dried milk plants	1	4	5
Condensaries and evaporated milk plants..	5	6	6
Cottage cheese factories	23	..	..
Receiving stations....	384	404	417
Licensed plants.....	180	178	181
Licensed operators....	1,238	1,265	1,270

Of the above, 27 creameries made no other product than butter; 44 ice cream plants made no other product than ice cream; 15 cheese plants made no other product than cheese; one plant made no other product than malted milk; and nine plants made no other product than cottage cheese.

The average production per year of dairy cows milked in 1924, the latest figures released by the census bureau, was 421 gallons, which compares with 348 gallons average in 1919 and 357 gallons in 1909. The bureau reported a total of 229,700 cows milked in 1924. Of that number, 156,292, or 68 per cent, were distributed in 20 of the 63 counties of the state. This distribution indicates the principal dairying counties of the state and is as follows:

County	Number
Weld	23,606
El Paso.....	10,315
Elbert	9,339
Yuma	9,018
Washington	8,360
Adams	7,664
Arapahoe	7,368
Baca	7,056
Mesa	6,854
Pueblo	6,700
Logan	6,653
Kit Carson.....	6,539
Lincoln	6,514
Boulder	6,397
Morgan	6,252
Larimer	5,978
Jefferson	5,851
Douglas	5,470
Prowers	5,317
Delta	5,041

The most rapid development in the dairy industry during the past decade has been in the non-irrigated districts of eastern Colorado. This has been due largely to a change in general farming methods in these districts.

Forage crops now are being grown extensively and nearly all farmers are keeping a few dairy cattle to consume this forage. Silos for storing forage for winter feed have been built quite extensively in this region as a part of the dairying program. In 1929 there were 2,028 silos, with an aggregate capacity of 221,133 tons, reported in the state.

There is published in this volume a table showing the number of cows milked, gallons of milk produced, pounds of butterfat sold, pounds of butter made on farms, gallons of cream sold, gallons of milk sold, and value of dairy products by counties in 1924 as shown by the census. Other useful data may be found in the chapter and tables on the livestock industry. Another table gives the figures by years for the dairy industry as reported by the state dairy commissioner.

DAIRYING AS SHOWN BY THE CENSUS OF AGRICULTURE

	1924	1919	1909	1899	1889
Milk produced, gals.-----	96,649,262	79,492,631	51,670,038	38,440,111	19,080,791
Butter made on farms and in factories, lbs.-----	*22,606,046	19,758,313	12,207,823	6,499,121	3,621,086
Cheese made on farms and in factories, lbs.-----	†1,994,000	1,320,326	620,517	1,568,441	131,683

*Estimated on basis of 17,460,860 pounds made in factories in year ending June 30, 1925, as reported by state dairy commissioner, and 5,245,186 pounds made on the farms in calendar year of 1924 as reported by the census bureau.

†Estimated on basis of 1,805,445 pounds made in factories in year ending June 30, 1925, as reported by state dairy commissioner, and 188,618 pounds made on farms, same being the 1919 census figure plus a 20 per cent increase.

BUTTER, CHEESE AND CONDENSED MILK, BY YEARS

Note.—This table is compiled from reports of census bureau on manufactures and consists of establishments not on farms. Farm production of butter and cheese is treated as an agricultural operation and is not, therefore, covered by the census of manufactures.

	1927	1925	1923	1921	1919
Number establishments.....	79	68	72	69	78
Persons engaged.....	916	730	738	689	705
Salaries paid.....	\$ 419,299	\$ 332,173	\$ 356,963	\$ 361,208	\$ 401,322
Wages	703,697	536,462	596,646	546,245	454,200
Cost of materials.....	11,325,801	10,050,581	10,046,537	7,881,073	9,947,799
Value of products.....	13,977,398	12,030,768	11,968,458	9,845,569	11,905,940
Value added by manufacture....	2,489,432	1,980,187	1,921,921	1,964,496	1,958,141

DAIRY INDUSTRY FOR YEARS ENDING JUNE 30, 1928, 1929 AND 1930
(State Dairy Commissioner)

	1928		1929		1930	
	Quantity	Value	Quantity	Value	Quantity	Value
Butter, lbs.-----	21,509,392	\$ 9,894,320	21,747,865	\$10,547,715	23,004,776	\$ 8,511,767
Ice cream, gals.-----	2,351,847	2,587,032	2,609,031	2,609,031	2,567,803	2,696,193
Cheddar (whole milk) cheese, lbs.-----	2,144,200	493,166	3,004,618	639,984	3,061,183	612,237
Cheddar (part skim) cheese, lbs.-----	935,051	174,790	1,281,746	240,968	1,139,493	193,714
Brick and Munster cheese, lbs.-----	23,505	4,701	23,815	4,763	24,080	4,575
Limburger cheese, lbs.-----	4,595	919	4,460	892	4,610	876
Italian varieties (includ- ing goat cheese) lbs.-----	39,600	8,910	39,500	7,900	330,000	66,000
Cottage cheese, lbs.-----	695,865	65,545	989,867	128,683	994,251	109,366
Condensed milk (sweet- ened) lbs.-----	259,257	6,170	138,413	11,073	185,337	11,120
Evaporated milk (unsweet- ened) lbs.-----	33,149,720	3,480,721	32,028,612	3,523,147	24,044,376	2,091,861
Condensed skim milk (sweetened) lbs.-----	351,301	20,130	488,201	30,513	335,041	9,026
Evaporated skim milk (unsweetened) lbs.-----	737,826	17,255	965,299	26,063	916,767	18,335
Concentrated skim (ani- mal feed) lbs.-----	20,964	629	-----	-----	-----	-----
Condensed or evaporated buttermilk, lbs.-----	62,675	2,256	213,341	7,637	156,221	9,373
Dried or powdered skim, lbs.-----	376,269	41,390	283,403	31,174	216,110	14,047
Dried or powdered butter- milk, lbs.-----	495,695	37,175	569,856	34,191	570,012	34,201
Malted milk, lbs.-----	940,958	282,287	2,536,092	710,106	3,702,781	925,695
Value, factory products----		\$17,117,396		\$18,553,840		\$15,308,386
Milk for fluid use (est.)----	60,905,042	\$11,313,721	60,905,042	\$11,418,477	57,237,877	\$11,075,529
Farm butter (est.)-----	4,959,271	2,281,264	4,916,992	2,384,741	4,600,000	1,702,000
Total -----		\$13,594,985		\$13,803,218		\$12,777,529
Milk exported, lbs.-----	329,989	\$ 7,128	2,028,640	\$ 44,224	2,778,627	\$ 62,519
Cream exported (B. F.) lbs. -----	3,278,618	1,377,020	3,806,766	1,674,977	3,541,215	1,133,189
Value exports-----		\$ 1,384,148		\$ 1,719,201		\$ 1,195,702
Milk imported, lbs.-----	1,224,439	\$ 26,448	1,379,858	\$ 30,081	349,678	7,868
Cream imported (B. F.) lbs. -----	1,469,178	617,055	2,071,553	911,483	1,996,032	638,730
Value imports-----		\$ 643,503		\$ 941,564		\$ 646,598
Recapitulation:						
Factory products-----		\$17,117,396		\$18,553,840		\$15,308,386
Produced and used on farms -----		13,594,985		13,803,218		12,777,529
Excess exports over imports -----		740,645		777,637		549,110
Value all dairy products--		\$31,453,026		\$33,134,695		\$28,635,025

DAIRY CATTLE AND DAIRY PRODUCTS IN COLORADO, 1924
(U. S. Census)

COUNTY	Number of Cows Milked	Gallons Milk Produced	Pounds Butterfat Sold	Pounds Butter Made on Farms	Gallons Cream Sold	Gallons Milk Sold	Value of Dairy Products
Adams-----	7,664	4,437,456	574,475	107,260	8,761	1,840,297	\$ 626,821
Alamosa-----	1,462	633,046	72,998	33,965	23,589	111,735	99,440
Arapahoe-----	7,368	3,993,456	551,388	87,061	17,433	1,584,701	565,995
Archuleta-----	1,061	392,570	67,580	22,626	998	22,827	38,577
Baca-----	7,056	1,834,560	322,162	118,350	21,710	10,715	183,495
Bent-----	2,538	1,180,608	52,551	49,891	25,791	501,659	171,768
Boulder-----	6,397	3,217,691	607,127	145,855	8,848	516,428	388,205
Chaffee-----	1,001	497,497	56,248	31,707	5,830	118,930	69,876
Cheyenne-----	2,916	912,708	172,111	62,894	8,959	12,230	92,431
Clear Creek-----	36	11,448	112	1,195	50	2,035	1,061
Conejos-----	2,158	664,664	62,282	55,500	18,776	12,131	71,964
Costilla-----	569	255,295	12,390	21,444	10,780	11,400	30,274
Crowley-----	1,917	699,705	73,615	43,808	18,707	37,475	74,047
Custer-----	1,122	336,600	47,604	35,904	373	5,980	32,200
Delta-----	5,041	2,313,819	421,205	165,905	9,628	111,387	237,033
Denver-----	662	547,474	32,490	10,221	---	386,800	92,538
Dolores-----	331	93,011	2,747	7,957	1,546	115	5,824
Douglas-----	5,470	2,877,220	736,452	9,162	28,295	331,645	351,720
Eagle-----	1,172	451,220	64,378	40,777	7,098	24,093	50,917
Elbert-----	9,339	3,586,176	899,915	115,054	3,256	156,214	368,953
El Paso-----	10,315	3,785,605	474,924	88,715	6,577	1,674,521	545,370
Fremont-----	1,886	943,000	70,099	80,164	4,998	205,614	113,298
Garfield-----	3,547	1,670,637	246,955	97,261	40,521	100,465	194,828
Gilpin-----	173	63,552	---	4,668	2,177	24,444	10,886
Grand-----	1,470	621,810	122,103	44,664	2,041	30,341	66,828
Gunnison-----	1,465	603,580	89,203	57,947	837	68,680	65,518
Hinsdale-----	135	38,120	4,832	3,991	605	2,836	4,674
Huerfano-----	2,314	802,958	89,172	60,197	2,601	124,876	85,789
Jackson-----	756	305,424	47,780	31,831	155	13,570	30,640
Jefferson-----	5,851	3,545,706	331,608	102,900	11,454	1,737,463	607,854
Kiowa-----	3,171	941,787	188,167	63,867	260	4,550	87,604
Kit Carson-----	6,539	1,870,154	289,799	141,158	22,384	13,579	176,369
Lake-----	135	64,083	2,902	1,952	1,664	31,890	12,070
La Plata-----	3,613	1,741,466	328,767	143,731	3,973	69,590	185,445
Larimer-----	5,978	2,749,880	261,161	192,116	5,769	843,718	341,922
Las Animas-----	4,894	1,624,808	201,656	102,544	35,313	263,957	206,682
Lincoln-----	6,514	2,136,592	333,056	127,079	31,799	43,215	221,294
Logan-----	6,653	2,940,626	421,517	222,018	29,604	140,255	280,453
Mesa-----	6,854	3,344,752	580,637	219,126	15,244	248,217	345,096
Mineral-----	88	36,100	2,450	4,823	362	7,177	5,121
Moffat-----	2,230	776,040	107,310	85,133	5,208	29,940	80,094
Montezuma-----	2,615	993,930	165,072	87,640	1,436	29,388	95,923
Montrose-----	3,865	1,638,760	243,924	127,543	12,682	64,923	158,314
Morgan-----	6,252	2,175,696	419,381	116,999	3,680	116,387	203,569
Otero-----	4,832	2,014,944	111,525	128,325	52,290	518,517	259,742
Ouray-----	635	272,415	37,794	21,537	3,485	30,427	33,991
Park-----	760	243,960	23,401	27,022	2,739	13,591	25,655
Philips-----	3,348	1,513,296	94,731	122,499	75,222	163,882	212,104
Pitkin-----	740	329,300	45,564	21,768	8,895	20,695	39,703
Prowers-----	5,317	2,100,215	144,263	108,282	23,950	853,426	291,163
Pueblo-----	6,700	3,216,000	285,393	112,647	13,831	1,508,740	457,571
Rio Blanco-----	1,537	617,323	100,810	50,021	5,795	11,090	61,210
Rio Grande-----	2,340	1,036,620	169,191	76,117	10,421	109,775	130,259
Routt-----	3,844	1,699,048	317,913	121,770	7,419	67,050	175,226
Saguache-----	1,004	363,448	50,190	31,453	6,277	14,278	41,813
San Juan-----	---	---	---	---	---	---	---
San Miguel-----	1,354	572,742	43,264	58,898	22,203	108,297	98,091
Sedgwick-----	2,334	1,073,640	98,913	85,173	45,736	17,775	127,700
Summit-----	389	202,830	38,110	17,383	1,659	14,560	26,115
Teller-----	689	209,595	4,269	20,994	6,818	54,227	32,407
Washington-----	8,360	2,800,600	475,764	198,592	9,655	29,265	237,734
Weld-----	23,606	11,024,002	1,643,955	458,934	79,268	2,434,437	1,359,492
Yuma-----	9,018	3,002,994	493,976	209,168	14,002	44,879	256,573
State-----	229,700	96,649,262	14,081,331	5,245,186	851,437	17,703,304	\$11,548,629

Poultry

CLIMATIC conditions are especially favorable for poultry raising in Colorado, and as a result the industry has made considerable progress in the last few years. Comparatively little rain and an abundance of sunshine make it possible for fowls to spend much of the time out of doors, with the result that diseases are less prevalent than in most sections of the country and young fowls make quick and vigorous growth.

Poultry raisers have found, also, that climatic conditions are favorable for the production of a good quality of fowl for the table, and the eggs are graded as being of extra quality and are in demand as far east as New York, to which state large quantities are exported annually.

Since Colorado is a comparatively new state, the poultry industry offers favorable opportunities for good profits, especially in the raising of the better grades of chickens with a view to improving the production of eggs. Almost all sections of the state with the exception of the mountainous counties, where the climate is too severe, are adapted to the raising of poultry. The state has not produced in the past sufficient quantities of chickens and eggs to meet the demand, and imports from adjoining states have been large, sometimes aggregating as much as \$5,000,000 in value a year. This condition has been overcome by the establishment of commercial poultry farms to which the owners devote all of their time instead of regarding poultry as a side line, and Colorado now is an exporting state. The introduction of the commercial poultry farm has had much to do with improving the quality of the poultry and products. In 1919, according to census reports, average egg production per hen was 59, but this has been increased to an average of more than 70 per hen.

The raising of chicks has grown into a substantial industry and it is estimated that 5,000,000 are being produced annually in the hatcheries of the state. Turkey raising also has increased rapidly and in some instances flocks are sufficiently large to warrant the use of horses in herding them. The number of turkeys marketed in the state is estimated at 300,000 in 1929 and 285,000 in 1930, the decrease be-

ing credited to unfavorable weather and hatching conditions. Approximately 40 per cent of the crop is marketed for Thanksgiving, 49 per cent for Christmas and 11 per cent later.

The turkey industry has flourished in many parts of the state, but for many years has been a leading phase of farm activity in southwestern Colorado. There are several ranches in that section of the state where thousands of these birds range much as other classes of livestock, and carlot shipments of dressed birds at the best market seasons are not uncommon.

The agricultural census as of April 1, 1931, included poultry, but so far only the preliminary figures on chickens have been released. These give the total number on the farms, not including chickens hatched after January 1, 1930, as 3,658,433.

The poultry figures of the census for 1925 are devoted principally to chickens and egg production. These show that the number of chickens raised in the state in 1924 was 5,005,977, compared with 3,880,873 in 1919, an increase of 1,125,104. In 1924, the number of dozens of eggs produced was 18,561,043, compared with 14,172,375 dozens in 1919, an increase of 4,388,668 dozens. The value of hens raised in 1924 was \$3,343,769 and of eggs produced, \$5,094,348. The number of chickens on the farms on January 1, 1925, as reported by the census bureau, was 3,571,618, compared with 2,874,721 on the same date in 1920, and 1,644,471 on April 15, 1910. The value of chickens on farms on dates mentioned was \$2,852,991 in 1925, and \$2,680,983 in 1920. The 1925 census figures on other classes of poultry for 1924 have not yet been published.

There is also published herewith a table showing all poultry on farms on January 1, 1920, and April 15, 1910, which shows the comparative value of classes of poultry other than chickens for the year named. These figures are not strictly comparable with the 1925 census because the 1925 figures are for the number raised, while the others are for numbers on farms on dates given.

A table published in connection with the chapter on livestock gives the number of poultry and assessed value by counties as reported by the county assessors.

POULTRY AND EGGS IN COLORADO

COUNTY	All Poultry Reported by County Assessors 1929	U. S. CENSUS					
		Number of Chickens Raised		Value of Chickens 1925	Eggs Produced (Dozens)		Value of Eggs 1924
		1920	1925		1919	1924	
Adams	102,648	122,011	195,426	\$ 134,844	435,917	643,911	\$ 173,856
Alamosa	5,724	16,115	17,511	10,507	58,504	71,050	20,606
Arapahoe	97,392	85,655	137,121	95,985	338,060	639,062	178,937
Archuleta	8,864	13,626	8,618	5,688	68,663	48,733	14,620
Baca	60,288	126,106	141,215	91,790	369,555	479,120	134,154
Bent	61,152	70,798	87,926	57,152	257,829	306,934	85,942
Boulder	64,956	127,924	206,947	142,793	462,695	788,479	212,889
Chaffee	5,568	14,612	22,815	15,971	62,339	49,809	14,943
Cheyenne	36,324	41,124	67,852	47,496	154,566	260,861	70,241
Clear Creek	1,248	993	270	189	3,971	1,875	563
Conejos	11,940	26,561	23,458	14,075	142,833	175,962	51,029
Costilla	6,540	13,343	21,144	12,686	65,732	37,562	10,893
Crowley	32,784	43,016	63,478	41,261	133,436	189,399	53,032
Custer	6,204	16,462	10,232	6,139	54,977	48,213	13,982
Delta	57,168	99,576	94,722	58,728	393,455	367,057	102,776
Denver	18,120	22,472	15,506	15,506	71,970	104,680	28,264
Dolores	3,732	5,936	5,170	3,412	15,202	17,063	5,119
Douglas	27,000	33,508	39,429	27,600	132,531	124,126	34,755
Eagle	9,108	14,251	13,192	8,179	74,177	77,689	21,753
Elbert	58,992	84,100	101,220	70,854	262,280	487,325	136,451
El Paso	73,620	108,246	162,200	113,540	387,608	582,012	162,963
Fremont	47,796	58,186	86,640	60,648	208,945	340,420	102,126
Garfield	37,236	51,646	54,855	34,010	235,306	217,954	61,027
Gilpin	1,594	1,138	797	4,125	8,062	2,419	9,505
Grand	2,832	6,940	7,145	4,501	29,409	33,945	9,664
Gunnison	7,164	8,873	9,226	5,720	45,858	34,514	9,664
Hinsdale	252	654	637	420	1,881	3,049	915
Huerfano	16,176	75,068	40,149	24,089	137,595	116,770	33,863
Jackson	2,280	4,925	5,261	3,327	16,973	23,745	6,649
Jefferson	120,792	128,936	209,982	146,987	500,420	905,557	271,667
Kiowa	33,852	43,519	78,554	51,060	145,826	241,903	67,733
Kit Carson	131,160	99,180	142,359	99,651	470,932	495,525	138,747
Lake	232	134	94	2,211	2,714	814	62,156
La Plata	28,728	52,568	49,544	32,699	226,338	207,187	59,609
Larimer	97,680	124,934	163,576	112,867	460,039	590,694	159,464
Las Animas	28,428	102,494	101,824	66,186	265,958	291,851	81,718
Lincoln	72,840	75,260	133,950	93,765	325,585	453,344	126,936
Logan	122,640	148,264	227,244	149,981	543,118	817,630	204,408
Mesa	120,960	122,663	129,744	80,441	472,609	610,793	171,022
Mineral	792	421	572	378	2,049	4,531	1,359
Moffat	16,056	40,851	31,599	19,907	155,248	109,620	30,694
Montezuma	23,352	46,858	35,867	23,672	198,802	129,331	38,799
Montrose	47,616	74,312	78,657	48,767	325,610	362,637	101,538
Morgan	94,968	114,762	214,323	141,453	438,773	544,964	136,241
Otero	75,600	193,040	166,797	108,418	335,867	582,285	163,040
Ouray	3,132	7,401	6,354	4,194	38,284	27,702	8,311
Park	6,144	6,168	5,091	3,564	30,432	27,740	8,322
Phillips	57,564	50,348	112,727	74,400	190,336	306,866	76,717
Pitkin	6,384	7,359	6,411	3,975	34,600	15,077	4,222
Prowers	86,916	104,617	131,229	85,299	401,577	520,668	145,787
Pueblo	69,600	130,499	148,398	96,459	405,318	609,854	170,759
Rio Blanco	7,692	28,902	32,195	20,283	99,099	66,184	18,532
Rio Grande	8,040	39,930	35,790	21,474	141,036	120,845	35,045
Routt	22,896	49,328	43,848	27,624	170,716	242,201	67,816
Saguache	9,660	22,495	18,181	10,909	77,474	64,166	18,608
San Juan	5,940	11,857	10,098	6,665	51,350	60,172	18,052
San Miguel	37,800	39,765	64,303	42,440	155,404	221,920	55,480
Sedgwick	972	1,933	1,024	717	7,505	9,015	2,705
Summit	2,052	6,813	5,262	3,683	30,700	22,783	6,835
Teller	112,740	144,226	211,967	139,898	695,992	936,747	234,187
Washington	226,344	396,031	525,623	362,680	1,425,802	2,019,418	545,243
Weld	115,128	174,938	235,261	155,272	719,973	669,823	167,456
Yuma	2,640,456	3,880,873	5,005,977	\$3,343,769	14,172,375	18,561,043	\$5,094,348

POULTRY IN COLORADO, 1929 AND 1930
(From Reports of County Assessors to the State Tax Commission)

COUNTY	1929			1930		
	Number Doz.	Assessed Value	Average Per Doz.	Number Doz.	Assessed Value	Average Per Doz.
Adams	8,554	\$ 45,770	\$ 5.35	8,691	\$ 46,790	\$ 5.38
Alamosa	727	3,825	5.26	728	3,685	5.06
Arapahoe	8,116	40,895	5.04	8,712	43,560	5.00
Archuleta	572	4,015	7.02	580	3,970	6.84
Baca	5,024	25,120	5.00	5,564	27,820	5.00
Bent	5,096	25,480	5.00	4,750	23,785	5.00
Boulder	5,413	27,520	5.08	5,673	31,210	5.50
Chaffee	464	2,955	6.37	553	3,365	6.08
Cheyenne	3,027	15,365	5.07	3,281	16,615	5.06
Clear Creek	104	595	5.72	78	390	5.00
Conejos	995	5,010	5.03	1,041	5,205	5.00
Costilla	545	2,850	5.23	550	2,790	5.07
Crowley	2,732	16,250	5.95	2,845	16,805	5.91
Custer	517	2,585	5.00	554	2,770	5.00
Delta	4,764	24,420	5.13	4,668	23,340	5.00
Denver	---	---	---	---	---	---
Dolores	311	1,730	5.56	295	1,540	5.22
Douglas	2,250	11,250	5.00	2,157	12,235	5.67
Eagle	759	3,795	5.00	778	3,890	5.00
Elbert	4,916	25,370	5.16	5,190	27,021	5.21
El Paso	6,135	30,670	5.00	6,740	33,700	5.00
Fremont	3,983	20,232	5.08	4,421	22,108	5.00
Garfield	3,103	16,965	5.47	3,339	17,980	5.38
Gilpin	---	---	---	---	---	---
Grand	236	1,180	5.00	313	1,565	5.00
Gunnison	597	3,365	5.64	615	2,830	5.50
Hinsdale	21	105	5.00	11	55	5.00
Huerfano	1,348	7,227	5.36	1,236	6,255	5.06
Jackson	190	950	5.00	206	1,030	5.00
Jefferson	10,066	50,330	5.00	11,583	58,015	5.00
Kiowa	2,821	14,105	5.00	2,971	14,855	5.00
Kit Carson	10,930	54,652	5.00	8,954	46,373	5.07
Lake	---	---	---	---	---	---
La Plata	2,394	16,050	6.70	2,355	15,290	6.49
Larimer	8,140	40,700	5.00	8,712	43,560	5.00
Las Animas	2,369	12,976	5.48	2,358	13,237	5.61
Lincoln	6,070	30,350	5.00	6,992	34,960	5.00
Logan	10,220	51,100	5.00	11,072	55,360	5.00
Mesa	10,080	50,400	5.00	11,426	57,130	5.00
Mineral	66	330	5.00	65	325	5.00
Moffat	1,338	6,980	5.22	1,322	7,190	5.43
Montezuma	1,946	9,730	5.00	1,973	9,865	5.00
Montrose	3,968	19,840	5.00	4,094	20,470	5.00
Morgan	7,914	39,570	5.00	8,646	43,230	5.00
Otero	6,300	38,245	6.07	6,899	39,380	5.71
Ouray	261	1,305	5.00	241	1,205	5.00
Park	512	3,070	6.00	536	3,210	6.00
Phillips	4,797	24,080	5.02	5,119	25,595	5.00
Pitkin	532	6,540	12.29	255	1,275	5.00
Prowers	7,243	41,705	5.76	7,947	45,617	5.74
Pueblo	5,800	31,740	5.47	6,503	32,560	5.01
Rio Blanco	641	3,205	5.00	735	3,675	5.00
Rio Grande	670	3,350	5.00	746	3,730	5.00
Routt	1,908	10,160	5.32	2,000	10,000	5.00
Saguache	805	4,025	5.00	763	3,840	5.00
San Juan	---	---	---	---	---	---
San Miguel	495	2,475	5.00	420	2,100	5.00
Sedgwick	3,150	15,750	5.00	3,081	15,405	5.00
Summit	81	405	5.00	64	320	5.00
Teller	171	855	5.00	153	855	5.41
Washington	9,395	47,860	5.09	9,832	53,290	5.42
Weld	18,862	94,830	5.03	19,594	99,860	5.10
Yuma	9,594	51,870	5.42	11,150	59,110	5.30
State	220,038	\$1,144,067	\$ 5.20	232,040	\$1,202,196	\$ 5.18

Bees and Honey

COLORADO produces approximately 2,225,000 to 3,000,000 pounds of honey each year, the crop varying according to climatic conditions and the flora available for nectar secretions. The quantity produced in 1930 is estimated at 3,000,000 pounds, about the same as in the preceding year, though the value was about one-third less in 1930 than in 1929. There is a demand for all the honey produced and a considerable proportion of the output is exported to other states.

The high altitude, dry climate and types of sources provide a honey of flavor and body unexcelled anywhere in the United States. The color varies somewhat but as a rule ranges from white to a light amber and commands top prices on eastern markets. Amber honey, which has a stronger flavor and a deeper color, and which is used largely for baking and candy making, also is produced in considerable quantities. Honey is produced in the state from the lowest elevations of the valleys up to and including 7,500 to 8,000 feet above sea level.

The number of bee stands in the state and their assessed value, by years, as reported by county assessors for taxation purposes are as follows:

Year	Stands	Value
1925.....	52,006	\$214,693
1926.....	51,064	212,005
1927.....	55,192	230,046
1928.....	56,819	232,775
1929.....	51,125	209,425
1930.....	53,241	215,544

The assessors' figures are of value principally in indicating the trend of the industry, as they are necessarily incomplete and below the actual number. The figures, by counties, are published elsewhere in this volume and are of value in indicating the location of the principal honey-producing areas of the state. The counties showing the largest number of stands in 1930, 1928 and 1926 are as follows:

County	—Stands—		
	1930	1928	1926
Weld	3,340	4,677	6,002
Delta	2,817	4,223	4,902
Larimer	1,760	3,650	4,165
Garfield	3,002	3,785	3,841
Montrose	4,569	4,469	3,317
Otero	5,189	4,181	3,022
Mesa	4,235	4,200	2,893
La Plata	2,466	3,121	2,510
Montezuma	2,704	3,598	2,409
Boulder	2,695	2,675	2,258
Jefferson	1,445	1,491	1,984
Pueblo	1,481	1,250	1,548

The census bureau reported 63,253 hives of bees on 3,900 farms on January 1, 1920. This compared with 71,434 hives on 2,694 farms on April 15, 1909. The honey produced in 1919 was 2,493,950 pounds, valued at \$573,610, which compares with 2,306,492 pounds, valued at \$225,883, in 1909.

The surplus production of honey per hive has not been so favorable for the past few years, due to the curtailment of the quantity of native flora.

In 1921, the surplus production of honey per hive was estimated at 58 pounds, compared with an average of about 44.2 pounds for the country. In 1922 the surplus honey per stand was approximately 55 pounds, but in the following year it dropped to 31 pounds, where it remained in 1923, and in 1924 the average was about 30 pounds. Since the beginning of 1925 the average is estimated at around 40 pounds.

Approximately 60 per cent of the honey production of the state is in the hands of professional bee keepers. The principal producing areas are in the sections devoted to the growing of alfalfa and sweet clover in the irrigated districts. The non-irrigated areas of the state, as distinguished from the irrigated districts, are not so inviting to the commercial apiarists, owing to the scarcity of flowers to furnish the nectar. The fruit-growing sections of the state do not offer the possibilities they formerly possessed, owing to the practice of spraying fruit trees, which often poisons the bees and makes the industry rather hazardous. New methods of harvesting alfalfa have also restricted the desirable areas. However, the spread of sweet clover along ditch banks, roadsides and railways has helped the crop, and sweet clover is now looked upon as the principal feeding crop. Areas in the immediate vicinity of beet sugar factories where beets are grown on a large scale, are not looked upon with favor by the professional bee raiser because of the intensive cultivation of the soil, which leaves but very little material for the bees to feed upon.

Colorado ranked twenty-fifth among states in the number of hives of bees in 1920, and twenty-third in 1910 and 1900.

BEEES

(From Reports of County Assessors to the State Tax Commission)

COUNTY	1929			1930		
	Number of Stands	Assessed Value	Average Per Stand	Number of Stands	Assessed Value	Average Per Stand
Adams.....	1,400	\$ 5,600	\$ 4.00	2,500	\$ 10,000	\$ 4.00
Alamosa.....	1,030	4,120	4.00	1,420	5,825	4.10
Arapahoe.....	760	3,170	4.17	630	2,520	4.00
Archuleta.....	40	160	4.00	57	230	4.00
Baca.....	---	---	---	---	---	---
Bent.....	1,995	7,620	4.00	1,658	6,675	4.00
Boulder.....	2,502	10,010	4.00	2,695	10,780	4.00
Chaffee.....	---	---	---	82	330	4.02
Cheyenne.....	---	---	---	---	---	---
Clear Creek.....	---	---	---	---	---	---
Conejos.....	2,285	9,140	4.00	2,025	8,065	4.00
Costilla.....	81	320	4.00	91	365	4.01
Crowley.....	2,461	9,845	4.00	2,378	9,545	4.01
Custer.....	44	175	4.00	47	185	4.00
Delta.....	2,907	11,750	4.04	2,817	12,235	4.34
Denver.....	---	---	---	---	---	---
Dolores.....	4	20	5.00	4	20	5.00
Douglas.....	25	100	4.00	22	90	4.09
Eagle.....	55	220	4.00	51	204	4.00
Elbert.....	125	502	4.02	35	152	4.34
El Paso.....	285	1,420	5.00	405	1,680	4.15
Fremont.....	949	3,831	4.04	871	3,486	4.00
Garfield.....	2,525	10,310	4.08	3,002	12,430	4.14
Gilpin.....	---	---	---	---	---	---
Grand.....	---	---	---	---	---	---
Gunnison.....	---	---	---	---	---	---
Hinsdale.....	---	---	---	---	---	---
Huerfano.....	141	705	5.00	125	575	4.60
Jackson.....	---	---	---	---	---	---
Jefferson.....	1,510	6,065	4.01	1,445	6,005	4.15
Kiowa.....	---	---	---	---	---	---
Kit Carson.....	---	---	---	---	---	---
Lake.....	---	---	---	---	---	---
La Plata.....	2,164	10,690	4.93	2,466	9,835	3.98
Larimer.....	2,020	8,080	4.00	1,760	7,040	4.00
Las Animas.....	550	2,202	4.00	576	2,305	4.00
Lincoln.....	---	---	---	---	---	---
Logan.....	771	3,085	4.00	618	2,475	4.00
Mesa.....	3,898	15,595	4.00	4,235	16,955	4.00
Mineral.....	---	---	---	---	---	---
Moffat.....	18	90	5.00	36	150	4.17
Montezuma.....	2,695	11,810	4.38	2,704	10,960	4.05
Montrose.....	4,553	18,212	4.00	4,569	18,276	4.00
Morgan.....	798	3,130	4.00	905	3,620	4.00
Otero.....	4,388	17,890	4.08	5,184	21,075	4.07
Ouray.....	280	920	4.00	231	924	4.00
Park.....	---	---	---	---	---	---
Phillips.....	---	---	---	---	---	---
Pitkin.....	73	290	4.00	54	270	5.00
Prowers.....	1,762	7,114	4.04	1,372	5,484	4.03
Pueblo.....	1,517	6,075	4.05	1,481	5,935	4.01
Rio Blanco.....	---	---	---	---	---	---
Rio Grande.....	391	1,562	4.00	590	2,360	4.00
Routt.....	---	---	---	---	---	---
Saguache.....	363	1,452	4.00	262	1,048	4.00
San Juan.....	---	---	---	---	---	---
San Miguel.....	150	600	4.00	150	600	4.00
Sedgwick.....	361	1,685	4.67	315	1,285	4.08
Summit.....	---	---	---	---	---	---
Teller.....	---	---	---	---	---	---
Washington.....	180	720	4.00	---	---	---
Weld.....	3,172	12,930	4.08	3,340	13,410	4.01
Yuma.....	37	150	4.05	33	140	4.25
State.....	51,125	\$209,425	\$ 4.10	53,241	\$215,544	\$ 4.05

Horticulture and Floriculture

COLORADO'S orchard and small fruit crop usually runs in excess of \$5,000,000 annually in value and in more favorable years has run as high as \$8,000,000. The total value of the crop in 1930, based on the seasonal farm value, was \$2,774,000, the results for the year being unfavorable due to severe damage by spring freezes. This compares with \$5,942,000 in 1929, a more favorable year; \$3,786,000 in 1928, a year in which the production and value were below normal, and \$5,647,000 in 1927.

Soil and climatic conditions in certain areas of Colorado are especially suited to the production of nearly all orchard and small fruits adapted to this latitude. The quality of the soil in the fruit-growing districts, the abundance of sunshine, water for irrigation, and atmospheric conditions existing in relatively high altitudes combine to make an excellent grade of fruit that commands favorable prices on account of its quality. The areas in which the industry is profitable are restricted as to size, and the fruit orchards are located mostly in the valleys surrounded by mountain ranges which protect them from hard winters and early and late frosts.

Apples, peaches and pears are the principal orchard fruits grown. Other fruits and berries grown include plums, apricots, grapes, strawberries, raspberries, loganberries, blackberries and currants. Cherries are grown extensively in certain areas and rank next to the three principal fruits in value and volume of production.

There is published in connection herewith a table compiled by the Colorado Co-operative Crop Reporting service showing the quantity and value of the principal crops for the years 1928 to 1930 inclusive. Another table gives the average price per bushel for apples, peaches and pears in Colorado on December 1 of the years named, with the average of the United States as reported by the United States department of agriculture, which is of value chiefly for comparative purposes. Another table compiled from census reports shows the number of trees of bearing age in the state in 1920, with comparisons for 1910, and the production and value of principal crops in 1919, with comparisons for 1909. A similar table gives the acreage, pro-

duction and value for 1919 and 1909 for berries. No later figures are available as yet for these details. Another table compiled from census reports gives the number of apple, peach and pear trees in 1925, by counties, with comparisons with 1920, and the number of plum trees and grape vines by counties in 1925.

In addition to the figures given in the various tables, the census bureau reported 125,027 grape vines of bearing age in the state on January 1, 1920, from which was produced in the preceding year 526,509 pounds of grapes valued at \$42,122. The number of grape vines reported in 1925 was 199,395, an increase of 74,368.

The census figures for 1920 and 1910 may create a false impression of horticultural conditions in the state unless certain facts regarding the industry are taken into consideration. Shortly before the census of 1910 was taken the state experienced somewhat of a boom in the fruit growing industry on account of the unusually fine quality of the fruit and the large profits that were realized. Many orchards were planted under the impetus of this boom without proper realization that fruit growing can be carried on successfully only in those areas especially adapted to the industry as to climatic conditions and where the land is not too high-priced to yield satisfactory returns. The census of 1910 reflected this abnormal condition, which was adjusted in succeeding years, and the figures of 1920 more correctly show the status of the industry under normal conditions. It is now well-established and conducted upon profitable economic lines.

The most important fruit-growing districts are the western slope, in the valleys of the Grand and Gunnison rivers and tributary streams, comprising parts of Garfield, Mesa, Delta and Montrose counties; the Canon City district, comprising a part of Fremont county; the Arkansas valley, comprising parts of Crowley, Otero, Pueblo, Bent and Prowers counties; southwestern Colorado, comprising parts of La Plata and Montezuma counties, and comparatively small areas near the foothills along the eastern side of the mountains. The western slope area ranks first in importance from the standpoint of production, with the

Canon City district second. Apples, peaches and pears are the principal fruit crops in the Grand valley and in the valleys of tributary streams, though practically all fruits grown in the state are produced here. This district produces nearly all the commercial peach crop of the state and a very large proportion of the apple crop. Southwest Colorado produces as fine a variety of all kinds of fruit as is grown in any part of the state, but lack of adequate transportation facilities has retarded development of the fruit-growing industry in this district. In the Canon City district the principal crop is apples, with a considerable production of cherries and small fruits. Some apples, cherries and small fruits are grown in the Arkansas valley, especially in Crowley and Otero counties, and cherries are grown rather extensively in several of the counties just east of the mountains, particularly in Larimer county. Apples have been grown to considerable extent in this same area for a good many years, but the yield is not so dependable as on the western slope and the quality of the fruit is not so high. In the irrigated district immediately north of Denver, including parts of Boulder, Adams, Larimer and Weld counties, berries and other small fruits are grown successfully and always find a good market in Denver. Routt county is especially famous for its strawberries, which come into market late in the summer, after the berries from most other districts are gone, and for that reason command exceptionally high prices.

Some attention has been paid in the past few years to the growing of orchards in the non-irrigated districts of eastern Colorado, and a few small trees of hardy varieties are being grown on many of the farms. In the irrigated sections of eastern Colorado apples and some other tree fruits are grown successfully. Late spring frosts frequently damage fruits in all sections of the state, but the organization of community forces in the principal fruit-producing districts to heat orchards with specially devised heaters on nights when the temperature falls below the frost point has in a large measure eliminated the danger of loss from this source.

FLORICULTURE

The floral industry in Colorado has shown a remarkable growth in the past ten years and at present the gross business is in excess of \$5,000,-

000 annually, or an increase of around 150 per cent in the period named. Climatic conditions, which are favorable for producing blooms of unusual brilliance in colors, large size and lasting quality, have had much to do with the development of the industry, which finds a market for its product not only in most parts of the United States, but in several foreign countries. The glass area of Colorado's flower houses is estimated at 3,250,000 square feet.

A table published herewith gives the preliminary results of a mail census made in 1930 by the census bureau covering operations in 1929 and including flowers, plants and vegetables grown under glass; nurseries, bulb farms and flower and vegetable seed production.

Carnations lead the list of products, the output being in excess of 12,000,000 a year. Ten states depend upon Colorado for their entire supply of this flower and shipments have been made to Cuba, New York and London. Orchid production is conducted upon a large scale by a few growers, there being one commercial collection in Denver comprising more than 500 varieties and valued at a million dollars.

The greenhouses in this state produce a cut of 5,000,000 roses annually. The quality of these flowers compares favorably with that of the blooms grown in eastern and middle western sections of the country. In fact, the excellence of the quality of both roses and carnations is sustained during the entire year; whereas, in some sections of the country during certain seasons the heat is so excessive as to impair materially the standard required for good keeping and shipping qualities.

Because of favorable climatic conditions, Gypsophila is considered to be in its best environment in Colorado. It is one of the outdoor products and is being grown in constantly increasing quantities. More than 150,000 bunches of Gypsophila, or baby breath, as it is commonly called, are cut and dried annually. A large percentage of this product is sent to eastern states where it is used in wreaths and for other decorative purposes. Shipments in 1929 aggregated about 1,000 carloads.

Sweet peas are grown under glass from September until June, and soon after that are produced out of doors. The mountain peas, grown in July, August and September, are of unusual quality in size and color, and are fa-

mous also in that they keep and ship well.

About 5,500,000 gladioli are grown annually in and around Denver. Asters, peonies, marigolds, daisies and many other annuals and perennials are grown in large quantities, one of the foremost in number being the dahlias, which are increasing in number and beauty each year.

About 65,000,000 bedding plants are produced and sold annually. These include the different varieties of flowers such as petunias, geraniums, salvias, heliotrope, fuchsias and many kinds of decorative greens and foliage used so extensively in landscape gardening in parks, floral gardens, etc.

It is a recognized fact that climatic conditions in Colorado are most favor-

able for the growing of potted plants. This is especially true of cyclamen. Many thousands of this variety are sold in small pots to the surrounding states, and the sale of full-grown plants during the Christmas season is very large.

An average of 100,000 Easter lilies are grown for the Easter season, and 400,000 chrysanthemums are sold during the Thanksgiving days.

An important item of the floral industry is the forcing of Dutch bulbs, such as tulips, hyacinths and narcissi, about 500,000 being forced each season.

Colorado is taking a place rapidly as one of the most important, if not the leading state in the Union in the production of quality flowers.

FRUIT PRODUCTION AND VALUE BY YEARS

	1930		1929		1928	
	Quantity	Value	Quantity	Value	Quantity	Value
Apples (Bu.).....	1,130,000	\$ 960,000	2,460,000	\$2,337,000	3,020,000	\$1,963,000
Peaches (Bu.).....	817,000	1,185,000	1,000,000	1,450,000	650,000	780,000
Pears (Bu.).....	173,000	225,000	650,000	975,000	185,000	194,000
Grapes (Tons).....	223	10,035	374	15,000	357	14,000
Cherries (Tons).....	2,200	198,000	4,500	540,000	1,500	210,000
Small Fruits.....	.....	195,965	.....	625,000	.....	625,000
Total		\$2,774,000		\$5,942,000		\$3,786,000

SMALL FRUITS, PRODUCTION AND VALUES (Census Reports)

	Acreage		Production (Qts.)		Value	
	1919	1909	1919	1909	1919	1909
Strawberries	653	1,326	944,276	1,674,923	\$236,074	\$156,059
Raspberries and Loganberries	613	901	643,678	1,650,785	160,828	156,668
Blackberries	91	228	76,234	227,598	18,296	27,833
Currants	141	282	137,634	493,726	26,151	39,935
Other Berries.....	300	192	411,797	247,956	41,184	18,341
Total	1,798	2,829	2,213,619	4,294,988	\$482,533	\$398,836

FRUIT ORCHARDS, PRODUCTION AND VALUES

	Trees of Bearing Age		Production (Bu.)		Value	
	1920	1910	1919	1909	1919	1909
Apples	1,777,737	1,688,425	3,417,682	3,559,094	\$5,639,178	\$3,405,442
Peaches	446,943	793,372	721,480	692,258	1,344,741	764,561
Pears	136,117	93,989	269,465	132,536	592,824	210,685
Plums	80,027	143,921	44,944	81,539	107,866	81,354
Cherries	348,832	203,806	165,087	88,937	536,537	173,895
Apricots	5,904	16,841	9,154	11,403	15,562	15,658
Total	2,795,560	2,946,354	4,627,812	4,565,767	\$8,236,708	\$4,651,595

FRUIT TREES IN COLORADO AS SHOWN BY THE UNITED STATES CENSUS

COUNTY	APPLES		PEACHES		PEARS		Plums 1925	Grape Vines 1925
	1920	1925	1920	1925	1920	1925		
Adams	19,274	14,739	240	112	177	117	1,870	248
Alamosa		348					20	
Arapahoe	14,307	12,465	65	41	190	75	816	1,002
Archuleta	3,915	2,328	39	5	154	96	125	
Baca	2,128	2,132	5,172	3,790	451	567	2,055	1,220
Bent	6,267	4,090	2,252	639	156	70	914	659
Boulder	44,408	35,154	206	102	190	58	1,414	8,951
Chaffee	11,831	10,983			24	16	51	110
Cheyenne	600	516	621	376	48	70	1,492	613
Clear Creek								
Conejos	124	236	1			9	26	
Costilla	381	1,235	1		44	30	41	
Crowley	21,469	16,843	476	101	60	2	354	6,488
Custer	1,534	711	65	13	38	4	24	
Delta	521,977	483,194	165,790	138,056	9,761	8,408	10,009	28,306
Denver	971	1,180		24	23	2	150	
Dolores	109	54	107		39			
Douglas	13,824	2,132	50	2	44	6	12	
Eagle	1,641	1,043			58	54	82	14
Elbert	1,058	658	78	45	100	64	555	83
El Paso	3,224	3,510	49	118	78	96	773	114
Fremont	211,337	126,848	1,796	1,132	1,731	1,366	2,295	30,607
Garfield	72,233	69,444	8,275	8,393	2,167	885	3,502	16,036
Gilpin								
Grand								
Gunnison	8	650		5			5	6
Hinsdale								
Huerfano	8,534	5,956	41	12	157	51	276	12
Jackson								
Jefferson	62,345	49,355	1,354	21	237	87	8,768	17,302
Kiowa	467	479	364	437	39	35	1,045	394
Kit Carson	1,018	422	1,188	547	63	50	2,625	408
Lake								
La Plata	30,056	27,655	370	543	1,543	1,482	1,691	798
Larimer	74,454	78,510	237	81	439	97	2,056	919
Las Animas	5,931	2,847	637	231	144	60	367	33
Lincoln	530	608	255	365	18	49	919	196
Logan	2,564	1,862	249	198	212	247	4,438	175
Mesa	517,710	248,337	261,121	234,558	150,730	169,177	6,056	45,477
Mineral								
Moffat	1,192	414	35	7	44	12	137	20
Montezuma	71,216	58,343	7,707	6,053	2,325	912	1,883	13,410
Montrose	110,722	140,001	8,617	7,199	2,381	1,109	1,696	8,258
Morgan	2,696	2,182	173	41	178	21	2,805	148
Otero	40,447	24,693	1,426	1,044	102	104	2,302	12,991
Ouray	682	573	22	1	22	2	18	1
Park								
Phillips	231	136	57	89	6	20	503	31
Pitkin	296	466			10	7	37	
Prowers	11,384	5,093	4,138	1,910	368	110	1,478	369
Pueblo	34,359	23,244	506	176	480	139	1,828	3,336
Rio Blanco	1,004	577				10	48	
Rio Grande	248	268		60			122	6
Routt	289	172	4		6			
Saguache	481	232			6	5	1	
San Juan								
San Miguel	1,570	802	97	2	83	17	3	14
Sedgwick	398	85	128	46	74	13	50	7
Summit								
Teller	3,017		100		25			
Washington	787	1,034	395	288	123	157	2,206	148
Weld	19,642	6,959	303	68	207	90	1,779	141
Yuma	4,162	2,136	3,694	1,019	541	186	1,501	344
State	1,961,052	1,473,874	479,101	407,960	176,096	186,244	73,223	199,395

AVERAGE PRICES APPLES, PEACHES AND PEARS ON DECEMBER 1

	1930		1929		1928		1927		1926	
	Colo.	U. S.	Colo.	U. S.	Colo.	U. S.	Colo.	U. S.	Colo.	U. S.
Apples .....	.85	.93	.95	1.32	.65	1.00	1.10	1.38	.70	.73
Peaches	1.45	.90	1.45	1.36	1.20	.99	1.20	1.18	1.10	1.00
Pears	1.30	.76	1.50	1.43	1.05	1.02	1.40	1.32	.65	.89

CENSUS OF HORTICULTURE IN COLORADO, 1930

Note.—These are preliminary figures of the 1930 census covering operations in 1929, which was conducted by mail by the census bureau. It was primarily a census of production.

Flowers, plants and vegetables grown under glass and flowers grown in the open in Colorado in 1929:

Number of establishments reporting (growing flowers only, 127; vegetables only, 35; flowers and vegetables, 42).....	204
Acres used in production.....	570
Value of land, buildings and equipment..	\$4,143,359
Square feet in greenhouses (3,217,796 feet for florists' crops; 295,785 for vegetable crops).....	3,519,888
Total value of greenhouses.....	\$2,792,385
Maximum number of persons employed any time in 1929.....	1,181
Total receipts of growers from sales of flowers, plants and vegetables grown under glass and flowers grown in the open.....	\$2,137,912

Nurseries in Colorado in 1929:

Number reporting.....	46
Acres used for nursery purposes.....	272
Value of land, buildings and equipment.....	\$ 325,266
Square feet in greenhouses.....	6,953
Total value of greenhouses.....	\$ 3,300
Maximum number of persons employed any time in 1929.....	191
Total receipts by growers from sales of nursery stock grown in Colorado..	\$ 228,059

Bulb Farms in Colorado in 1929:

Number reporting.....	12
Acres used in production.....	28
Value of land, buildings and equipment.....	\$ 22,415
Maximum number of persons employed any time in 1929.....	28
Total receipts of growers.....	\$ 21,913

Flower and vegetable seed production in Colorado in 1929:

Number of seed farms reporting.....	18
Acres used in growing seed.....	2,536
Value of land, buildings and equipment.....	\$ 490,950
Maximum number of persons employed any time in 1929.....	149
Total receipts by growers from sale of flower and vegetable seed.....	\$1,147,978

Note.—A report was received from one farm producing mushrooms, but the data cannot be published without disclosing operations of the individual establishment.

Manufacturing

THE manufacturing industry in Colorado has progressed steadily from its inception down to and including 1929, as shown by the reports of the bureau of the census, with the exception that in 1921 and 1923 there were decreases in the value of products when compared with the output in 1919, when the industry still felt the stimulus of war conditions and high prices. The ground lost during the business depression of 1921-1922 was more than regained in the following years, and beginning with 1925 the value of output in the census years was greater than during the war period.

The last census of manufactures was taken in 1930 and covered activities in 1929. The preliminary figures, which are subject to revision, are as follows:

	1929
Number of establishments...	1,545
Number of salaried officers and employes.....	*6,197
Av. No. wage earners.....	32,735
Salaries paid.....	*\$13,521,486
Wages	\$ 43,429,074
Cost of materials.....	\$168,895,151
Cost of fuel and purchased electric energy.....	\$ 13,557,366
Value of products.....	\$304,654,661
Value added by manufacture	(a) \$122,202,144
Horsepower (rated capacity) of prime movers.....	131,697
Horsepower of electric motors driven by purchased energy	96,883

*Not including number or compensation of employees of central administrative offices located elsewhere than at the factories.

(a) Figure does not indicate manufacturers' profits.

The value of products by census years and increase over previous census year are as follows:

Year	Value	Per Cent Increase
1869	2,852,820	.....
1879	14,260,159	399.86
1889	42,480,205	197.89
1899	89,068,000	109.66
1904	100,144,000	12.44
1909	130,044,312	29.89
1914	136,839,321	5.23
1919	275,622,335	101.42
1921	219,225,800	-20.46
1923	255,189,812	16.41
1925	278,778,008	9.24
1927	278,221,431	-0.20
1929	304,654,661	9.50

(—) Denotes decrease.

The manufacturing industry ranks first in comparison to agriculture and mining on the basis of value of products. That basis is not, however, a

true measure of the relative importance of the industries, inasmuch as many of the products of agriculture and mining go into manufacturing. A much better measure of the actual value created by manufacturing processes is the "value added by manufacture." On that basis agriculture ranks ahead of manufacturing in Colorado, while the latter is ahead of mining. A chart showing the relative position of the three industries in 1927, the latest year for which comparative figures are available, is published elsewhere in this volume.

The accompanying tables show the number of persons engaged in the manufacturing industry in the state, including officers and salaried employes. The following shows the average number of wage earners by years:

1914	27,278
1919	35,254
1921	27,469
1923	31,060
1925	31,967
1927	31,997
1929	32,735

Colorado ranked thirty-fourth among the states in the value of its manufactured products in 1929, the same position it occupied in 1919. The increase in 1929 as compared with 1919 was 10.5 per cent. The increase for the United States in the same ten-year period was 13 per cent.

A table published herewith shows that the number of manufacturing establishments dropped from 2,631 in 1919 to 1,479 in 1921. This was due to the inclusion in 1919 of all plants with an output of \$500, or more, in value, and in subsequent years only plants with an output of \$5,000 or more were included. The change made little difference in the comparability of figures for census years except in the number of establishments.

A table which accompanies this chapter gives manufacturing by industries in Colorado in 1927. The values of manufactured products of some of the largest individual industries in the state for that year are not segregated. The figures for 1925 were broken down so as to include these, and the statistics for that year are used to show the relative rank of the more important industries of Colorado among the states of the Union, which follows:

Group	Rank
Sugar, beet.....	1
Mining machinery.....	4
Canned beans.....	9
Cheese.....	11
Ketchup.....	11
Pickles.....	11
Concrete products.....	12
Pottery.....	12
Condensed and evaporated milk.....	14
Butter.....	16
Paints and varnishes.....	17
Jewelry.....	18
Clay products.....	18
Bread and other bakery products.....	20
Slaughtering and meat packing.....	20
Canning and preserving.....	21
Confectionery.....	21
Food preparations.....	22
Book and job printing.....	23
Flour and grain mill products.....	24
Foundry and machine shop products.....	25
Electrical machinery.....	26
Car construction and repair shops, steam railroads.....	27
Men's clothing.....	31
Beverages.....	35

Colorado produces large quantities of manufactured products which are listed in the tables under "miscellaneous" in order not to disclose the operations of individual concerns. Some of these are manufactured on an extensive scale and include such products as iron and steel, rubber goods, cement, chemicals, coke, etc. The principal factory products, segregated by groups in the order of their importance, beginning with the largest as reported in 1925, were beet sugar, slaughtering and meat packing products, iron and steel, printing and publishing, flour and grain mill products, steam railroad car construction and repair shops work, butter, cheese and condensed and evaporated milk, bread and bakery products, foundry and machine shop products, clay products, canning and preserving, food preparations, manufactured gas and confectionery.

Altho the manufacture of beet sugar was not segregated in the 1927 and 1929 census reports, to avoid disclosing the operations of individual manufacturers, it still continues to be the leading industry of the state in the value of finished products. The number of factories operated, the amount of sugar manufactured and other data relating to the industry appear in the historical tables following the 1930 agricultural production data in this volume.

Data on manufacturing possibilities in Colorado may be obtained from other articles in this volume. The state contains most of the raw materials, agricultural products, minerals, clays, timber, stone, iron, coal and other products used in manufacture, and these, with water power, railroad

facilities, taxes and other data, will be found described in considerable detail on other pages.

Tables published herewith show the progress of manufacturing in Colorado by years, the number of establishments, persons engaged, salaries and wages paid, value of products and value added by manufacture; manufactures by counties in 1919 and 1929, value of products of principal manufacturing industries by years; manufacturing by industries in 1927; and tables on manufacturing in the principal cities. Also, there are charts showing the rank of principal manufacturing industries in the state; growth of the industry by years, and the relationship of manufacturing to mining and agriculture. Several industries not included in the above tables are listed under separate heads, such as rubber manufactures, dairying, the printing and publishing industry and the manufacture of beverages.

THE PRINTING AND PUBLISHING INDUSTRY

The 1925 census, the last date for which detailed figures are available, showed that there were in 1924 253 establishments devoted to the printing and publishing business in Colorado, employing in all 3,314 salaried officers, proprietors and employes, with a gross earning of \$5,141,243. The industry used raw materials worth \$4,470,822, from which it produced finished products worth \$15,614,544, adding \$11,143,722 to the value of the raw materials in the process of manufacturing.

In the following tabulation of newspapers and periodicals, morning, evening and Sunday papers are counted as separate publications, though issued by the same publisher in many instances:

	No. of Publica- tions	Gross Circu- lation*
Daily newspapers:		
1921	38	307,968
1923	38	314,679
1925	32	302,078
*Exclusive of Sunday circulation.		
Sunday newspapers:		
1921	12	298,663
1923	11	311,263
1925	11	344,358
Weekly newspapers:		
1921	97	115,089
1923	100	124,852
1925	112	206,537
Other Periodicals, 1925:		
College and school....	5	13,250
Commerce, finance and insurance	4	7,837
Trade journals.....	10	37,004
Miscellaneous	6	147,750

MANUFACTURING IN COLORADO BY YEARS
(From Census Reports)

YEAR	Number of Estab- lishments	Persons Engaged	Salaries and Wages Paid	Value of Products	Value Added by Manufacture
1869.....	256	876	\$ 528,221	\$ 2,852,820	\$ 1,259,540
1879.....	599	5,074	2,314,427	14,260,159	5,453,397
1889.....	1,518	17,067	12,285,734	42,480,205	21,631,889
1899.....	1,323	22,768	13,767,000	89,068,000	28,317,000
1904.....	1,606	25,888	18,649,000	100,144,000	37,030,000
1909.....	2,034	34,115	25,560,026	130,044,312	49,553,408
1914.....	2,126	33,715	26,576,617	136,839,321	47,083,019
1919.....	2,631	44,729	56,020,854	275,622,335	100,752,060
1921.....	1,479	34,396	50,090,546	219,225,800	73,477,610
1923.....	1,377	38,353	53,254,702	255,189,812	105,097,059
1925.....	1,416	(*)	(*)	278,778,008	107,586,465
1927.....	1,483	(*)	(*)	278,221,431	104,944,032
1929.....	1,545	38,932	56,950,560	304,654,661	122,202,144

(*) Proprietors and salaried employes are not included in state tables for these years.

Note—Number of establishments in the biennial census of 1921 and subsequent years do not include factories with output of less than \$5,000, but wage earners and value of products are included. Number of wage earners of factories with less than \$5,000 output were omitted in 1923 and 1925, but value of products is included.

VALUE OF PRODUCTS OF PRINCIPAL MANUFACTURING INDUSTRIES, BY YEARS

INDUSTRY	1919	1921	1923	1925	1927
Awnings, tents, etc.....	\$ 1,021,654	\$ 934,392	\$ 1,249,798	\$ 1,049,462	\$ 1,094,042
Bread and other bakery products	9,807,799	9,309,156	8,575,077	10,157,121	12,994,347
Brick, tile and terra cotta and fire-clay products.....	2,504,658	2,480,517	4,295,427	4,351,749	3,669,557
Butter, cheese and condensed milk	14,504,639	9,845,569	11,968,458	12,030,768	(a) 11,496,024
Canning and preserving.....	2,970,113	2,936,283	3,122,338	4,317,787	3,487,252
Car and general shop construction and repairs, steam railroads	15,130,423	13,502,349	15,649,087	13,804,826	13,396,090
Clothing, men's.....	1,033,729	1,116,208	1,341,186	1,538,271	1,579,410
Confectionery and ice cream.....	5,003,989	4,188,040	4,943,305	4,413,505	4,590,808
Copper, tin and sheet iron work.....	1,411,036	1,287,835	1,435,029	1,696,427	1,647,190
Flour mill products.....	19,954,119	16,044,754	11,574,113	14,691,796	13,267,581
Food preparations.....	4,381,013	2,028,641	3,031,719	3,823,020	1,323,581
Foundry and machine shop products	11,199,721	7,687,058	10,967,650	8,084,652	8,109,546
Ice, manufactured.....	1,045,477	1,237,804	1,376,565	1,643,997	1,546,173
Printing and publishing, books and job.....	3,985,230	4,292,467	(*)	5,491,213	5,062,522
Printing and publishing, newspapers and periodicals.....	7,533,978	9,507,737	(*)	10,123,331	11,039,597
Paints	1,168,001	827,289	2,387,100	2,493,943	2,131,261
Slaughtering and meat packing.....	41,007,531	22,494,615	23,290,903	30,399,379	30,538,016
Sugar, beet.....	(not seg.)	37,558,657	30,165,810	41,165,742	(b)

(*) Not segregated in 1923. Combined products of book and job printing and newspaper and periodical publishing in that year were valued at \$13,743,497.

(a) Exclusive of evaporated and condensed milk.

(b) Not segregated in 1927.

MANUFACTURING IN COLORADO BY INDUSTRIES, 1927

(Compiled from Census Reports)

INDUSTRY	Number Estab- lish- ments	Wage Earners (Average Number)	Wages	Cost of Materials, Fuel and Power	Value of Products
Awnings, tents, etc.	10	156	\$ 157,495	\$ 606,719	\$ 1,094,042
Beverages	36	151	166,459	572,186	1,318,105
Boxes, paper and other	4	170	149,663	295,724	642,953
Boxes, wooden, except cigar boxes	4	81	73,618	253,137	350,644
Brass, bronze, non-ferrous alloys	10	103	139,057	680,824	952,199
Bread and bakery products	172	1,461	1,743,307	5,732,444	12,994,347
Butter	66	498	561,758	8,914,266	10,942,919
Canning and preserving	21	558	399,250	2,106,636	3,487,252
Car and general construction and repairs, electric railroad repair shops	4	226	370,606	177,678	594,474
Car and general construction and repairs, steam railroad repair shops	29	4,792	7,031,034	5,510,337	13,896,090
Caskets, coffins, burial cases, and morticians' goods	6	35	42,603	171,372	345,909
Cheese	8	23	28,401	427,802	553,105
Chemicals, not elsewhere classified	5	159	224,961	1,299,380	2,115,992
Clay products (other than pottery) and nonclay refractories	30	971	1,134,988	1,090,555	3,348,514
Clothing, women's	5	165	100,638	329,869	621,080
Clothing, men's	4	439	422,600	865,319	1,579,410
Coffee and spice, roasting and grinding	13	131	128,516	2,307,187	3,111,027
Concrete products	10	44	45,693	77,024	200,352
Confectionery	45	515	452,279	1,551,170	3,044,635
Copper, tin, sheet-iron work	17	257	346,416	974,641	1,647,190
Dental goods	8	61	103,670	124,529	311,654
Druggists' preparations	5	21	30,121	137,375	209,756
Electrical machinery, apparatus and supplies	8	53	68,898	112,643	377,432
Engraving, steel and copperplate, and plate printing	4	43	46,605	51,679	154,214
Feeds, prepared, for animals and fowls	20	239	249,907	2,000,854	2,517,550
Flour and other grain-mill products	66	437	633,736	11,234,450	13,267,581
Food preparations	12	117	126,220	939,877	1,323,581
Foundry and machine-products, not elsewhere classified	63	1,436	1,979,850	2,616,974	8,109,546
Furniture, including store and of- fice fixtures	11	116	194,272	448,486	937,562
Gas, manufactured, illuminating and heating	9	500	588,909	1,621,009	3,655,607
Grease and tallow, not including lubricating greases	7	56	72,062	192,624	377,390
Ice Cream	24	114	169,601	875,447	1,546,173
Ice, manufactured	27	220	323,528	310,779	1,380,014
Instruments, professional and sci- entific	3	34	53,254	16,868	122,296
Jewelry	11	54	82,401	82,214	266,215
Lime	3	33	33,904	41,165	97,241
Lumber and timber products, not elsewhere classified	62	1,190	1,278,036	442,773	2,368,366
Marble, granite, slate and other stone products	16	75	148,625	214,911	556,476
Mattresses and bed springs	4	154	175,034	501,661	878,109
Motor-vehicle bodies and motor- vehicle parts	10	103	170,675	175,773	489,466
Oils, not elsewhere classified	3	8	10,562	105,525	211,435
Paints and varnishes	7	173	224,588	1,465,263	2,131,261
Patent and proprietary medicines and compounds	10	18	14,984	97,846	214,887

MANUFACTURING IN COLORADO BY INDUSTRIES, 1927—Continued
(Compiled from Census Reports)

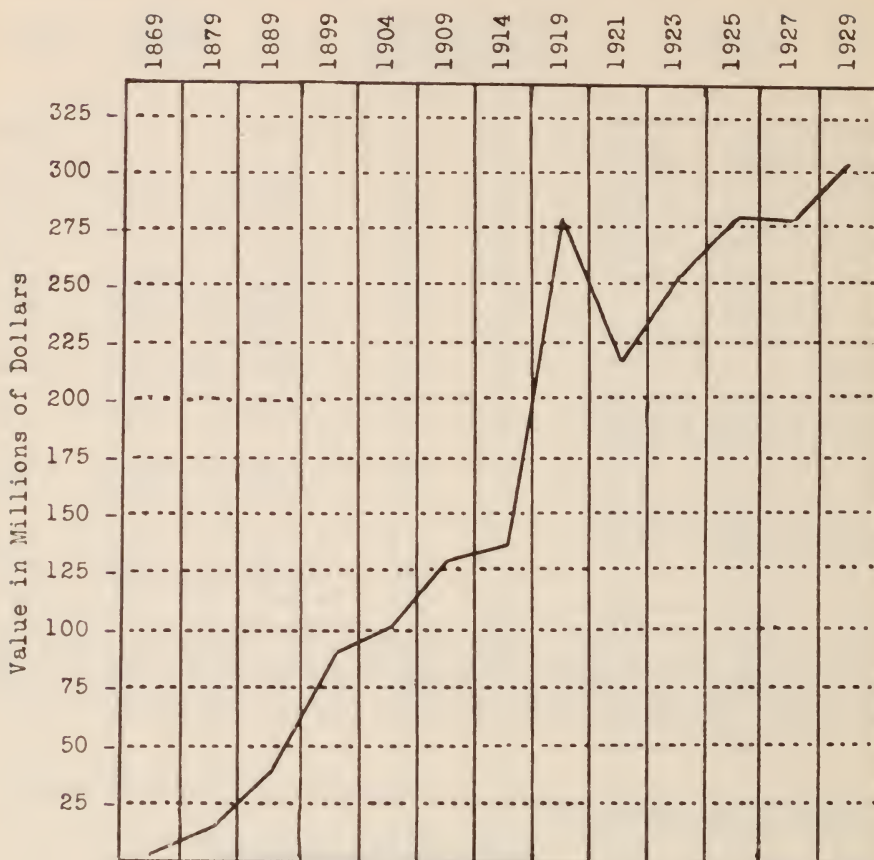
INDUSTRY	Number Estab- lish- ments	Wage Earners (Average Number)	Wages	Cost of Materials, Fuel and Power	Value of Products
Photo-engraving, not done in print- ing establishments-----	7	70	123,449	71,247	390,005
Planing-mill products, not made in planing mills connected with sawmills-----	29	363	507,630	754,072	1,678,548
Pottery, including porcelain ware-----	4	186	159,775	75,074	321,043
Printing and publishing, book and job-----	99	896	1,366,004	1,540,287	5,062,522
Printing and publishing, news- paper and periodical-----	166	1,239	2,347,209	3,182,953	11,039,597
Saddlery and harness-----	9	92	135,027	255,974	540,007
Signs and advertising novelties-----	12	45	62,224	97,322	342,515
Slaughtering and meat packing, wholesale-----	25	1,246	1,552,897	27,325,998	30,538,016
Sporting and athletic goods, not including firearms or ammunition-----	5	42	37,811	15,182	90,327
Structural and ornamental iron and steel work, not made in rolling mills-----	11	195	255,771	1,048,845	1,886,548
Surgical appliances-----	4	13	19,192	14,679	56,294
Toys (not including children's wheel goods or sleds), games and playground equipment-----	3	8	7,952	13,226	28,383
All other industries*-----	212	11,416	16,120,040	81,127,545	122,503,580
Total, State-----	1,483	32,001	\$43,193,765	\$173,277,399	\$278,221,431

*Items included under "All Other Industries" embrace cement, steel rails and other products which would disclose individual operations if segregated; also the following, with value of products: Bookbinding and blank book making, \$167,509; brushes, other than rubber, \$43,250; cigars and cigarets, \$292,739; cleaning and polishing preparations, \$101,673; models and patterns, \$61,805; steam and other packing, \$52,921.

CHART SHOWING RANK OF PRINCIPAL MANUFACTURING INDUSTRIES, VALUE OF PRODUCTS AND PER CENT OF TOTAL FOR ALL INDUSTRIES, 1925.

Sugar, beet.....	\$41,165,747	14.8%
Slaughtering and meat packing....	\$30,399,379	10.9%
Iron and steel.....	\$23,554,180	8.4%
Printing and publishing.....	\$15,624,544	5.6%
Flour and grain mill products....	\$14,691,796	5.3%
Car construction and repair shops, steam railroads.....	\$13,804,826	4.9%
Butter, cheese, condensed milk....	\$12,030,768	4.3%
Bread and bakery products.....	\$10,157,121	3.6%
Foundry and machine shops prod....	\$8,084,652	2.9%
Clay products.....	\$4,351,749	1.6%
Canning and preserving.....	\$4,317,787	1.5%
Food preparations.....	\$3,823,020	1.4%
Gas, manufactured.....	\$3,491,751	1.2%
Confectionery.....	\$3,170,908	1.1%

PROGRESS OF MANUFACTURING IN COLORADO



COMPARATIVE POSITION OF AGRICULTURE, MANUFACTURING AND MINING, 1927

Value Agricultural products...		\$125,524,000
Manufacture, value added by...		\$104,944,032
Mineral output*.....		\$58,855,263

*Includes metals and non-metals.

MANUFACTURES BY COUNTIES, U. S. CENSUS, 1919 AND 1929

Note.—Number of establishments in 1929 does not include those with an annual output of less than \$5,000. The 1929 figures are preliminary.

COUNTY	No. Establishments		Wages Paid		Value of Products	
	1919	1929	1919	1929	1919	1929
Adams.....	37	20	\$ 987,790	\$ 804,580	\$ 4,791,206	\$ 5,949,286
Alamosa.....	14	12	48,456	409,999	423,618	1,617,218
Arapahoe.....	24	11	165,436	1,015,268	860,974	3,965,492
Archuleta.....	12	7	106,990	56,080	367,853	151,877
Baca.....	8	*---	20,919	*-----	82,170	*-----
Bent.....	15	8	50,419	52,680	317,540	545,540
Boulder.....	95	37	976,334	670,986	9,660,142	6,366,986
Chaffee.....	20	10	592,904	429,184	3,935,183	1,986,870
Cheyenne.....	4	*---	1,832	*-----	9,975	*-----
Clear Creek.....	13	*---	89,517	*-----	97,788	*-----
Conejos.....	15	*---	417,381	*-----	1,081,839	*-----
Costilla.....	5	*---	47,679	*-----	180,892	*-----
Crowley.....	19	*---	141,211	*-----	1,380,221	*-----
Custer.....	9	*---	6,722	*-----	12,581	*-----
Delta.....	24	19	37,130	113,908	344,786	1,670,071
Denver.....	1,097	781	19,341,915	20,910,625	125,411,270	144,664,746
Douglas.....	8	*---	244,164	*-----	1,783,316	*-----
Eagle.....	4	*---	12,700	*-----	31,016	*-----
Elbert.....	8	*---	3,469	*-----	11,480	*-----
El Paso.....	141	69	996,090	1,184,507	4,788,504	7,508,593
Fremont.....	45	23	1,023,831	532,220	6,787,570	4,107,320
Garfield.....	23	*---	68,215	*-----	333,815	*-----
Gilpin.....	7	*---	9,854	*-----	35,093	*-----
Grand.....	14	*---	636,170	*-----	998,783	*-----
Gunnison.....	27	13	82,067	120,626	179,044	219,246
Huerfano.....	21	9	43,271	37,551	274,222	295,213
Jackson.....	5	*---	37,855	*-----	92,518	*-----
Jefferson.....	23	16	213,940	248,443	907,169	1,531,056
Kiowa.....	6	*---	11,616	*-----	24,594	*-----
Kit Carson.....	19	9	31,572	*-----	146,018	*-----
Lake.....	14	*---	569,798	*-----	4,243,184	*-----
La Plata.....	32	*---	372,747	*-----	3,384,123	*-----
Larimer.....	87	50	1,278,179	1,188,271	13,440,083	13,296,364
Las Animas.....	60	31	844,712	714,002	3,943,416	3,344,790
Lincoln.....	17	7	53,916	18,576	508,365	70,513
Logan.....	29	*---	498,753	*-----	2,814,130	*-----
Mesa.....	38	30	555,320	519,246	3,347,570	2,863,052
Moffat.....	6	*---	5,963	*-----	39,318	*-----
Montezuma.....	16	*---	31,707	*-----	184,354	*-----
Montrose.....	26	11	109,732	33,716	701,936	357,255
Morgan.....	31	*---	453,029	*-----	4,823,336	*-----
Otero.....	57	34	1,667,381	1,224,144	8,766,757	7,127,828
Ouray.....	7	*---	38,184	*-----	78,777	*-----
Park.....	13	*---	58,141	*-----	105,831	*-----
Phillips.....	8	5	21,136	11,266	336,371	94,996
Pitkin.....	6	*---	11,797	*-----	33,976	*-----
Prowers.....	49	19	231,635	248,231	3,825,014	3,801,893
Pueblo.....	143	84	8,229,412	8,713,761	47,568,936	55,997,697
Rio Blanco.....	10	*---	35,390	*-----	126,378	*-----
Rio Grande.....	24	14	76,890	99,789	673,531	707,947
Routt.....	18	17	219,926	122,403	627,229	353,252
Saguache.....	10	*---	59,001	*-----	209,173	*-----
San Juan.....	6	*---	8,885	*-----	25,121	*-----
San Miguel.....	12	3	51,933	15,456	150,636	29,853
Sedgwick.....	3	*---	7,476	*-----	30,896	*-----
Summit.....	4	*---	418	*-----	9,290	*-----
Teller.....	9	*---	45,002	*-----	206,129	*-----
Washington.....	7	*---	15,640	*-----	90,591	*-----
Weld.....	98	50	923,739	1,328,323	9,743,802	13,582,776
Yuma.....	24	5	43,319	11,415	210,229	57,242
All other counties*	5	150	8,269	2,593,818	22,673	22,389,689
State.....	2,631	1,545	\$ 42,974,879	\$ 43,429,074	\$275,622,335	\$304,654,661

*Included under "All Other Counties" in order to avoid disclosing data for individual establishments. No manufacturing establishments were reported from Kiowa or Mineral counties in 1929. Dolores, Hinsdale and Mineral counties are included under "All Other Counties" for 1919.

**SUMMARY OF MANUFACTURES FOR CITIES HAVING 10,000 INHABITANTS
OR MORE, 1925 AND 1929**

CITY	Number Estab- lish- ments	Wage Earners Av. No.	Wages	Cost of Materials	Value of Products
Boulder:					
1929.....	17	155	\$ 181,401	\$ 336,820	\$ 828,913
1925.....	21	160	203,823	391,967	801,860
Colorado Springs:					
1929.....	55	547	775,811	2,539,577	4,948,810
1925.....	60	451	611,423	1,943,266	3,727,458
Denver:					
1929.....	781	16,235	20,910,625	83,251,524	144,664,746
1925.....	686	15,077	19,970,520	72,530,686	125,762,865
Greeley:					
1929.....	22	152	215,546	1,208,311	1,935,244
1925.....	19	190	216,322	1,364,752	2,141,906
Pueblo:*					
1925.....	84	1,240	1,761,604	4,015,041	7,733,113
Trinidad:					
1929.....	25	297	391,903	1,149,145	2,036,363
1925.....	24	313	464,329	970,046	1,866,754
Remainder of state:					
1929.....	645	15,349	20,953,788	93,967,140	150,240,585
1925.....	522	14,536	19,779,653	89,975,785	136,744,052
Entire state:					
1929.....	1,545	32,735	\$ 43,429,074	\$182,452,517	\$304,654,661
1925.....	1,416	31,967	43,007,674	171,191,543	278,778,008

*Included under "Remainder of state" for 1929.

Note.—The 1929 figures are preliminary and subject to revision. Grand Junction and Fort Collins were in the above classification in 1929, but segregated figures have not yet been released. The above statistics are for industries actually within the boundaries of the cities.

OLEOMARGARINE PRODUCED

The manufacture of colored and uncolored oleomargarine in Colorado, as reported by the commissioner of internal revenue, is showing a steady and substantial increase. The output in the fiscal year ending June 30, 1930, amounted to 1,618,741 pounds, which compares with 530,716 pounds in 1921, an increase of 205 per cent.

Production in pounds, in fiscal years ending June 30, of years named, was as follows:

Year	Colored	Uncolored
1921	53,060	477,656
1922	8,280	167,080
1924	20,760	369,260
1925	14,570	408,460
1926	50,510	586,640
1927	49,826	662,784
1928	71,160	954,900
1929	53,887	1,048,006
1930	128,825	1,489,916

MANUFACTURE OF BEVERAGES

The following table shows the number of gallons of cereal beverages containing less than one-half of one per cent of alcohol by volume manufactured in Colorado in fiscal years ending on June 30:

Year	Gallons
1925	1,153,744
1926	1,133,389
1927	905,226
1928	1,098,112
1929	1,017,203
1930	900,481

Materials used by the four plants operating in the state in producing the 1930 output of beverages included 847,034 pounds of malt, 133,868 pounds of corn and products, 158,080 pounds of sugar and sirup, 15,908 pounds of hops and 19,202 pounds of other materials.

RUBBER MANUFACTURES

One of the important manufacturing industries of Colorado which the bureau of the census lists under the item "All Other Industries" in order to avoid the disclosure of individual operations is that of rubber manufactures. The largest rubber manufacturing plant between Akron, Ohio, and the Pacific coast, a position maintained over a period of years, is that of the

Gates Rubber company, in Denver.

The value of its products is in excess of \$8,000,000 annually. Its distribution is general throughout the United States and more than 50 foreign countries. The average number of wage earners in 1930 was 1,350 and wages paid exceed \$2,100,000 annually. More than one-half of gross expenditures remain in the state in the form of wages, salaries, raw materials, supplies and taxes.

Revenue and Taxation

THE exact amount of money collected from the people of Colorado in the form of taxes and from permits, licenses and fees of all kinds is difficult to determine for any given period because of the variety of collection agencies representing different civil divisions and sub-divisions, lack of uniformity in fiscal years, and the interlocking of funds.

The department of commerce made a compilation as of 1922 which gave a total of \$48,930,000 in revenue from taxes, licenses and permits and special assessments of state, counties, incorporated places and local civil divisions. This was equal to \$62.41 per capita. The distribution of these revenues for that year is shown in two accompanying tables. A third table includes United States internal revenue and customs receipts, which bring the total up to \$65,119,000, or \$66.77 per capita. No similar compilation has been made for any year subsequent to 1922, the figures given being the latest available.

Revenues with which to defray governmental costs are derived from two principal sources, both of which are extensively sub-divided. The first of these is called taxes and includes revenues from a general property tax, the inheritance tax, sales taxes and corporation and business taxes. The other includes revenues from special assessments, fees collected by various departments and agencies of government for specific purposes, fines, gifts, escheated property, earnings of public service organizations, interest on investments and other sources.

All taxable property of persons and corporations in the state is listed and appraised as to value for taxation purposes as of April 1 each year. This work is done through the county assessors as to most property within

the taxing districts of the counties. The assessments on intercounty property, such as railroads, telephone and telegraph lines, power lines, express companies, etc., are made by the state tax commission. These valuations are certified to the county treasurers, who are the tax-collecting agents.

The state, the counties, cities and towns and school districts levy taxes on property situated within their respective boundaries. These levies are spread equally over all property in the district subject to the jurisdiction of the levying agent, in amount sufficient to raise the revenues required to defray the governmental costs of the taxing district. The levies are certified to the county treasurers, who apply them to each and every parcel of property assessed. The aggregate rate at which any one parcel of property is taxed is equal to the total of all levies made by all the taxing agents.

Taxes thus levied for any given year become due on January 1 of the following year. They may be paid in two installments. To avoid penalties, the first half must be paid by March 1 and the second half by August 1. All unpaid taxes become delinquent on August 1 and bear interest thereafter at the rate of 10 per cent per annum until the property is sold. From March 1 to December 1 the first half bears interest at the rate of 10 per cent.

The value of all property in the state for taxation purposes as of April 1, 1930, as determined by the county assessors and the tax commission, was \$1,593,397,772. The anticipated revenues derived from direct taxation by levies on this total assessed valuation was \$49,633,933. The distribution of the revenue from these taxes, as reported by the tax commission, is as follows:

	Amount	Per Cent
Education	\$27,009,486.30	54.42
Town and city...	9,354,557.27	18.85
County	7,299,625.01	14.71
Roads and bridges	3,550,015.19	7.15
State	2,420,249.62	4.87
Total	\$49,633,933.39	100.00

The assessed valuation of \$1,593,397,772 for 1930 taxable property is distributed as follows:

	Per Cent
Farm land.....	23.47
Improvements on farm land.....	5.40
Coal land and improvements.....	1.03
Oil and shale land, with improvements	0.14
Metalliferous mining properties, with improvements.....	1.26
Equities, timber lands and mineral reserves	0.50
City lots and improvements.....	33.54
Total, all real property.....	65.34
Livestock	3.68
All other personal property.....	15.03
Total personal property.....	18.71
Corporations assessed by tax commission	15.95
Recapitulation:	
All real estate.....	65.34
All personal property.....	18.71
Corporations	15.95
Total	100.00

In addition to taxes collected through levies, revenues are derived from taxes on gasoline sales, inheritances, motor vehicle licenses, fishing and hunting licenses and business licenses. Counties share in the revenues from most of these sources. School districts also receive revenue from the state school fund and from tuition, and some of the state institutions from federal land grants. Some county offices are conducted on a fee basis, such as the clerk and recorder and sheriff, their receipts going into the county treasury. Cities and towns also collect additional revenues from licenses, fees and special assessments of improvement districts, and the federal government contributes considerable funds for highway and other purposes, parts of revenues from the forests, and royalties and bonuses from mineral land production.

Published elsewhere in this volume are numerous tables showing assessed valuations by years and by counties, levies for sundry purposes, detailed tables on gasoline and inheritance taxes, motor vehicle licenses, school, county and town taxes, and other sources of revenue mentioned in this text.

EXPENDITURES OF COLORADO STATE GOVERNMENT, 1915 AND 1925 (U. S. Bureau of Census, Financial Statistics of States)

	1915			1925				Per Cent Increase '25 over '15
	Amount	Per Cent Total	Per Capita	Amount	Per Cent	Per Capita	Per Cap. Adj.	
General Government	\$ 509,875	13.4	\$0.56	\$ 926,138	8.6	\$ 0.91	\$ 0.57	0
Prot. to Per. & Prop.....	876,160	23.0	0.97	541,599	5.0	0.54	.34	65
Dev. & Cons. of Nat. Resources	209,142	5.5	0.23	690,091	6.4	0.67	.42	83
Health and Sanitation.....	42,178	1.1	0.04	151,534	1.4	0.15	.09	125
Highways	321,533	8.4	0.36	2,623,880	24.5	2.58	1.62	350
Charities, Hosp. & Corr.....	569,205	14.9	0.63	1,654,808	15.5	1.63	1.02	62
Education	1,203,150	31.6	1.33	3,810,936	35.6	3.74	2.35	76
Recreation	4,355	0.1	---	16,716	0.2	.02	.01	
General	74,218	1.9	0.08	293,227	2.7	2.9	.18	
Total Operation.....	\$3,809,816	100.0	\$4.22	\$10,708,929	100.0	\$10.52	\$ 6.62	57%
Interest	92,133		.10	542,154		.53	.33	230
Public Service Enterprises.....								
Capital Outlays.....	287,093		.32	5,393,763		5.30	3.33	940
	\$4,189,042		\$4.64	\$16,644,846		\$16.35	\$10.38	123%

SUMMARY OF ALL TAXES, LICENSES AND PERMITS, SPECIAL ASSESSMENTS, INTERNAL REVENUE AND CUSTOMS DUTIES, 1922

Source	Total	Per Cent of Total	Per Capita
United States internal revenue receipts...	\$15,988,000	24.55	\$16.41
United States customs receipts.....	200,000	0.31	0.20
State	9,515,000	14.61	9.76
Counties	12,305,000	18.90	17.23
Incorporated places.....	11,092,000	17.03	18.98
School, irrigation and drainage districts..	16,019,000	24.60	16.44
Total and per capita for state.....	\$65,119,000	100.00	\$66.77

Note.—State per capita does not agree with total of other per capita figures, as not all taxes apply to entire state population.

TAXES, LICENSES AND PERMITS, AND SPECIAL ASSESSMENTS OF STATE, COUNTIES, INCORPORATED PLACES, AND LOCAL CIVIL DIVISIONS, 1922
(Bureau of Census)

State and All Other Civil Divisions	Total	General Property Taxes	Special Taxes	Poll Taxes	Licenses and Permits	Special Assess- ments
State.....	\$ 9,515,000	\$ 6,575,000	\$817,000	----	\$1,563,000	\$ 560,000
Counties.....	12,305,000	11,794,000	-----	-----	511,000	-----
Incorporated places.....	11,091,000	8,217,000	-----	\$8,000	567,000	2,299,000
School, irrigation and drainage districts.....	16,019,000	15,964,000	-----	-----	-----	55,000
Total, all sources.....	\$48,930,000	\$42,550,000	\$817,000	\$8,000	\$2,641,000	\$2,914,000

Note.—Under total of \$16,019,000 for school, irrigation and drainage districts is included general property taxes of \$13,500,000 for school districts; \$84,000 for drainage districts; \$2,380,000 for irrigation districts; and special assessments of \$55,000 for irrigation districts. State licenses and permits include \$991,000 automobile licenses. State special taxes include \$512,000 inheritance tax.

PER CAPITA TAXES, LICENSES AND PERMITS, AND SPECIAL ASSESSMENTS OF STATE, COUNTIES, INCORPORATED PLACES, AND LOCAL CIVIL DIVISIONS, 1922

State and All Other Civil Divisions	Total	General Property Taxes	Special Taxes	Poll Taxes	Licenses and Permits	Special Assess- ments
State	\$ 9.76	\$ 6.75	\$ 0.84	----	\$ 1.60	\$ 0.57
Counties	17.23	16.51	----	----	.72	----
Incorporated places	18.98	14.06	----	.01	.97	3.94
School, irrigation and drainage districts	16.44	16.39	----	----	----	.05
Total, all sources	\$62.41	\$53.71	\$ 0.84	\$ 0.01	\$ 3.29	\$ 4.56

RECEIPTS OF STATE GOVERNMENT FOR 1923 TO 1928, INCLUSIVE

NOTE.—This table is compiled from reports of the bureau of the census of the United States department of commerce. Owing to the use of different classifications and inclusion of items not handled through the state auditing department, the figures are not comparable with the auditor's reports.

Revenue Receipts	1923	1924	1925	1926	1927	1928
Taxes:						
General property	\$ 6,913,075	\$ 6,215,155	\$ 5,844,144	\$ 5,659,605	\$ 5,611,972	\$5,971,509
Special:						
Property	200,225	190,682	182,517	183,679	.....	.....
Inheritance	703,731	864,161	911,039	876,009	674,690	869,408
All others.....	89,190	102,169	93,715	86,600	272,093	281,365
Poll	342	131	166	122	15	.....
Business license taxes.....	*1,406,599	*2,373,889	.....	.....	.....	.....
Gasoline .....	.....	.....	1,847,641	2,085,833	3,012,626	4,118,399
All others.....	.....	.....	672,989	724,291	763,558	869,001
Non-business license taxes:						
Motor vehicles	635,590	660,958	789,358	828,884	876,413	980,491
All others.....	208,726	213,959	242,555	229,956	269,857	287,484
Permits	8,372	9,573	9,573	6,208	6,134	2,836
Special assessments and special charges for outlays.....	932,282	871,404	883,414	53,558	93,927	41,520
Fines, forfeits, escheats.....	19,431	19,054	18,416	4,029	4,596	41,595
Subventions and grants, donations and pension assessments:						
From U. S. Government.....	1,508,439	1,791,013	1,662,461	1,424,488	1,445,798	2,053,964
From private persons and corporations.....	55,597	191,170	17,226	121,296	57,200	40,899
Rents and interest:						
Sinking and trust funds.....	477,043	447,066	540,730	322,398	473,766	449,669
Interest	523,534	542,280	521,033	709,398	660,160	687,450
Earnings of general departments.....	1,394,289	1,572,353	1,651,102	1,979,621	2,125,555	2,113,490
Total revenue receipts.....	\$15,073,975	\$16,065,017	\$15,888,116	\$15,295,976	\$16,348,420	\$18,803,280

* Not segregated.

DISBURSEMENTS OF STATE GOVERNMENT FOR 1923 TO 1928, INCLUSIVE

Expenses:	1923	1924	1925	1926	1927	1928
General government.....	\$ 903,618	\$ 757,949	\$ 926,138	\$ 781,274	\$ 968,797	\$ 887,149
Protection to persons and property:						
Militia and armories.....	118,198	104,096	86,746	90,705	114,294	129,529
Regulation.....	336,030	336,870	314,166	317,354	294,975	318,098
All others.....	142,097	120,528	140,687	314,952	318,051	375,976
Development and conservation of natural resources:						
Agriculture.....	533,595	585,513	492,808	654,219	657,135	742,380
All others.....	190,527	252,508	197,283	301,319	203,139	139,589
Conservation of health and sanitation:						
Prevention and treatment of communicable diseases.....	36,691	37,096	36,407	27,692	24,904	23,982
All others.....	102,521	106,348	115,127	101,944	106,558	108,971
Highways.....	2,194,606	2,552,989	2,623,880	1,679,991	2,455,574	2,148,055
Charities, hospitals and corrections.....	1,585,162	1,901,758	1,654,808	2,026,190	2,174,161	2,236,081
Education:						
Schools.....	3,361,776	3,411,549	3,810,044	3,646,272	3,614,122	4,117,355
Libraries.....	2,000	2,200	392	575	1,660	1,560
Recreation.....	17,393	19,206	16,716	12,829	12,610	15,085
Miscellaneous.....	252,553	217,455	293,227	240,659	240,197	275,482
Interest.....	438,737	490,318	542,154	578,273	620,860	557,468
Total expenses and interest.....	\$10,223,504	\$10,936,383	\$11,251,083	\$10,783,848	\$11,806,350	\$12,076,860
Outlays (permanent improvements and investments):						
Agriculture.....	\$ 60,431	\$ 17,507	\$ 22,778	\$ 31,324	\$ 20,238	\$ 4,097
Fish and game.....	.....	.....	31,379	118,644	93,360	112,967
Highways.....	4,538,231	4,774,445	3,761,659	3,910,519	3,348,800	4,919,584
Hospitals and corrections.....	267,615	103,652	38,659	221,819	30,642	15,528
Education.....	1,293,514	1,807,411	1,532,915	704,650	711,082	399,463
Miscellaneous.....	31,608	7,164	6,373	59,279	136,752	4,050
Total governmental costs.....	\$16,414,903	\$17,646,562	\$16,644,846	\$15,830,123	\$16,147,194	\$17,531,849

PER CAPITA GOVERNMENTAL-COST PAYMENTS (EXCLUSIVE OF INTEREST) FOR OPERATION AND MAINTENANCE OF GENERAL DEPARTMENTS OF STATE GOVERNMENT

(From Financial Statistics of States Compiled by the Bureau of the Census)

Department	1928	1927	1926	1925	1924	1923	All States 1928
General government.....	\$ 0.87	\$ 0.90	\$ 0.74	\$ 0.91	\$ 0.80	\$ 0.91	\$ 0.82
Protection to person and property:							
Militia and armories.....	0.13	0.11	0.09	0.09	0.10	0.12	0.10
Regulation	0.31	0.27	0.30	0.31	0.34	0.35	0.29
All others.....	0.37	0.30	0.30	0.14	0.12	0.14	0.21
Conservation of health and sanitation:							
Prevention and treatment of communicable diseases....	0.02	0.02	0.03	0.04	0.04	0.04	0.13
All others.....	0.11	0.10	0.10	0.11	0.11	0.10	0.11
Development and conservation of natural resources:							
Agriculture	0.73	0.61	0.62	0.48	0.58	0.54	0.45
All others.....	0.14	0.19	0.29	0.19	0.25	0.19	0.10
Highways	2.11	2.29	1.59	2.58	2.54	2.22	1.72
Charities, hospitals and corrections	2.20	2.03	1.92	1.63	1.89	1.60	1.70
Education:							
Schools	4.04	3.37	3.45	3.74	3.40	3.40	4.05
Libraries	(a)	(a)	(a)	(a)	(a)	(a)	0.02
Recreation	0.01	0.01	0.01	0.02	0.02	0.02	0.03
Miscellaneous	0.27	0.22	0.23	0.29	0.22	0.26	0.44
All general departments*.....	\$11.31	\$10.42	\$ 9.67	\$10.53	\$10.41	\$ 9.89	\$10.17

*The totals upon which the per capita figures are based are same as in table on disbursement of state government for expenses and interest, less payments for interest, and do not include outlays for permanent improvements and investments.
(a) Less than one-half of one cent.

EXPENDITURES DENVER, PUEBLO AND COLORADO SPRINGS, 1915 AND 1925

(Schools Not Included)
(Financial Statistics of Cities)
(Amounts in Thousands)

	General Gov.	Prot. to Pers. & Prop.	Health and San.	Highways	Charities Hosp. Correction	Libraries	Recreation	General & Miscell.	Total
1915:									
Denver	\$798	\$739	\$239	\$598	\$270	\$50	\$415	\$128	\$3,237
Pueblo	43	150	31	88	2	6	20	16	356
Colorado Springs.....	48	81	29	73	3	7	30	2	273
Total	\$889	\$970	\$299	\$759	\$275	\$63	\$465	\$146	\$3,866
Per Capita (Pop. 328,458)	\$2.71	\$2.95	\$.91	\$2.31	\$.84	\$.19	\$1.42	\$.44	\$11.77
U. S.									
Group I.....	2.94	4.90	2.30	2.20	1.84	.26	.89	.98	16.31
Group V.....	1.12	2.71	1.12	1.70	.48	.20	.35	.22	7.90
1925:									
Denver	\$1,040	\$1,881	\$614	\$1,048	\$709	\$149	\$614	\$379	\$6,434
Pueblo	74	219	58	131	3	9	51	18	563
Colorado Springs.....	59	151	43	92	5	13	88	18	469
Total	\$1,173	\$2,251	\$715	\$1,271	\$717	\$171	\$753	\$415	\$7,466
Per Capita (Pop. 354,803)	\$3.32	\$6.36	\$2.02	\$3.59	\$2.02	\$.48	\$2.12	\$1.17	\$21.10
U. S.									
Group I.....	\$4.46	\$8.99	\$4.83	\$3.67	\$3.09	\$.52	\$1.47	\$2.77	\$29.80
Group V.....	1.77	5.19	2.24	2.89	1.01	.38	.79	.88	15.13

ACRES, VALUE PER ACRE AND TOTAL VALUE OF AGRICULTURAL LANDS AS RETURNED FOR ASSESSMENT IN COLORADO, 1912-1930, INCLUSIVE

YEAR	Fruit Land			Irrigated Land			Natural Hay Land			Dry Farming Land			Grazing Land			Total, Including Grazing Land	
	Acres	Value	Val. per Acre	Acres	Value	Val. Per Acre	Acres	Value	Val. per Acre	Acres	Value	Val. per Acre	Acres	Value	Val. per Acre	Acres	Value
1912-----	211,042	\$4,988,882	\$ 23.61	1,813,168	\$ 32,355,224	\$17.83	189,199	\$2,508,029	\$13.78	2,494,986	\$ 10,147,170	\$ 4.06	13,354,970	\$21,121,657	\$1.58	18,063,365	\$ 71,220,962
1913-----	23,836	6,774,119	284.19	2,248,274	123,778,342	55.05	116,605	2,668,460	23.08	3,363,081	27,300,435	8.14	13,676,229	53,764,276	3.87	19,617,025	214,285,633
1914-----	23,500	5,899,394	251.03	2,236,000	138,898,406	62.12	190,856	4,539,906	23.78	3,277,919	29,210,497	6.91	15,381,078	67,932,182	4.41	21,109,362	246,480,365
1916-----	28,813	5,906,723	209.35	2,154,168	143,427,442	66.58	214,242	6,501,942	25.67	3,602,656	33,009,038	9.16	16,284,222	75,928,115	4.66	22,284,101	253,773,260
1916-----	28,473	5,429,620	190.69	2,173,335	142,635,050	65.10	211,447	5,472,966	25.88	3,644,019	34,935,150	9.58	17,110,253	79,809,582	4.66	23,167,537	268,282,668
1917-----	29,076	5,467,705	166.06	2,114,917	146,739,916	69.38	247,457	5,509,093	25.30	8,266,507	78,679,563	9.52	13,090,752	55,659,940	5.01	23,748,719	302,956,217
1918-----	29,394	4,936,880	157.92	2,144,617	162,720,726	71.21	242,626	6,570,620	27.08	8,583,999	107,115,897	12.48	14,129,307	78,018,806	6.52	25,129,943	349,361,929
1919-----	31,247	6,283,365	169.08	2,246,476	170,817,162	76.04	220,739	6,522,935	29.55	10,002,192	145,972,243	14.59	14,132,169	76,408,675	5.34	26,632,813	404,004,386
1920-----	32,148	5,415,980	168.47	2,308,415	192,800,890	83.52	226,330	6,679,737	29.25	10,339,797	167,137,261	16.16	15,071,165	88,405,110	6.87	27,079,855	460,438,978
1921-----	32,084	6,254,095	163.76	2,292,701	191,430,830	83.45	253,395	7,344,393	27.88	11,161,376	178,472,552	15.91	15,593,783	88,303,927	6.66	29,343,340	470,805,897
1922-----	29,859	5,033,990	168.59	2,263,954	187,374,129	82.75	267,928	7,662,085	28.50	11,037,563	158,490,956	15.26	16,981,618	91,802,094	5.41	30,580,922	460,363,253
1923-----	30,229	4,937,037	163.32	2,287,653	182,631,435	79.79	272,021	7,714,385	28.36	11,119,294	161,831,776	14.55	18,059,178	92,620,568	5.13	31,768,376	449,635,202
1924-----	31,378	4,781,405	152.38	2,253,955	179,336,632	79.56	260,658	7,539,590	28.92	11,054,786	151,314,043	13.68	19,032,970	90,409,339	4.75	32,633,747	433,381,009
1925-----	30,352	4,480,357	147.51	2,283,110	173,219,787	75.87	261,525	7,631,229	29.18	11,540,466	150,057,870	12.89	19,552,156	82,460,126	4.22	33,767,509	417,849,369
1926-----	24,783	3,671,270	148.14	2,224,443	171,002,084	75.87	347,445	8,908,931	26.54	11,473,210	147,264,503	12.84	20,317,793	82,673,684	4.06	34,387,675	413,420,372
1927-----	20,045	3,287,155	153.99	2,249,195	169,651,231	76.61	328,920	8,594,150	26.43	11,659,097	143,889,054	12.45	20,724,216	81,135,763	3.92	34,881,473	406,857,353
1928-----	20,515	3,230,062	157.45	2,239,622	156,644,976	73.96	330,990	8,628,409	25.07	11,392,035	137,717,586	12.09	21,179,940	77,735,048	3.67	35,163,103	392,956,060
1929-----	20,771	3,177,745	162.99	2,192,666	166,980,644*	72.52	347,852	8,584,723	24.68	11,385,796	129,514,067	11.38	20,800,067	75,564,485	3.63	34,747,152	383,811,564
1930-----	20,214	3,212,663	158.93	2,163,794	153,447,779	70.92	355,192	8,504,900	23.95	11,516,523	124,829,179	10.84	20,836,558	72,614,305	3.48	34,892,281	362,608,726
Per cent of increase or decrease, 1913-1930-----	D. 16.20	D. 62.58	D. 44.23	D. 3.76	I. 23.97	I. 28.83	I. 207.25	I. 218.72	I. 3.77	I. 243.46	I. 357.24	1.33.17	I. 50.16	I. 34.87	D. 10.08	I. 77.87	I. 69.17

*Includes waste and seep lands, suburban and mountain home sites.
1912 was the last year in which assessments were on the basis of one-third of actual cash value, and that year's figures are shown only for the purpose of information. In 1913 Colorado first attempted assessment at full cash value, and figures for that year are comparable with figures for subsequent years.

VALUATION AND TAXES LEVIED, TOGETHER WITH MILL LEVIES FOR COUNTY,
AVERAGE LEVIES FOR TOWN AND SCHOOL PURPOSES, AND THE AVERAGE
TOTAL LEVIES FOR THE YEAR 1929.* STATE LEVY 3.66 MILLS

COUNTY	Valuation	Revenue	County Levy	Average Town Levy	Average School Levy	Average Total Levy
Adams.....	\$ 32,167,140	\$ 790,822.45	6.28	19.88	12.16	24.58
Alamosa.....	9,997,212	364,756.78	5.72	19.50	21.20	36.49
Arapahoe.....	23,516,600	739,422.74	5.67	15.06	17.72	31.44
Archuleta.....	4,675,980	121,680.45	8.55	17.50	11.94	26.02
Baca.....	13,389,800	375,961.97	7.34	16.66	15.88	28.08
Bent.....	13,741,575	339,704.56	7.39	14.00	12.01	24.72
Boulder.....	46,862,800	1,428,835.93	7.24	10.14	15.03	30.49
Chaffee.....	9,582,685	327,295.84	12.00	11.95	13.45	34.15
Cheyenne.....	13,789,359	254,111.86	3.15	17.00	11.08	18.43
Clear Creek.....	5,419,530	155,810.13	10.50	13.89	9.89	28.75
Conejos.....	9,291,400	326,710.87	12.00	14.00	17.71	35.16
Costilla.....	5,312,665	198,614.81	14.00	8.60	19.25	37.39
Crowley.....	10,169,835	283,548.85	4.45	15.17	17.17	27.88
Custer.....	3,055,845	85,881.46	10.50	10.18	12.91	28.10
Delta.....	15,079,260	606,787.50	12.45	11.77	20.37	40.24
Denver.....	458,290,360	†14,802,773.63	4.742	10.098	13.80	32.30
Dolores.....	1,825,115	70,597.73	19.40	14.00	13.36	38.68
Douglas.....	11,431,170	221,773.89	6.10	22.00	8.56	19.32
Eagle.....	7,176,615	216,845.30	11.50	16.73	13.42	30.22
Elbert.....	17,708,570	373,347.18	4.91	12.73	12.05	21.08
El Paso.....	75,583,240	2,637,549.73	5.00	13.72	17.81	34.90
Fremont.....	23,378,090	755,242.56	6.34	12.38	17.42	32.31
Garfield.....	18,068,565	683,486.07	11.00	17.49	19.64	37.83
Gilpin.....	2,877,759	86,984.94	12.50	23.67	10.46	30.23
Grand.....	5,816,355	136,175.17	9.08	15.23	9.63	23.41
Gunnison.....	15,917,200	397,623.40	8.75	12.97	10.62	24.98
Hinsdale.....	1,005,857	47,180.92	27.25	22.00	13.32	46.91
Huerfano.....	16,605,932	591,903.59	10.30	11.17	18.93	35.64
Jackson.....	3,903,750	63,398.17	5.45	16.00	6.34	16.24
Jefferson.....	27,796,760	799,343.19	7.98	14.88	15.03	25.76
Kiowa.....	13,220,059	226,367.90	1.34	18.26	11.46	17.12
Kit Carson.....	21,295,855	555,942.41	5.48	16.49	14.52	26.11
Lake.....	7,603,815	280,175.47	11.44	35.00	13.96	36.85
La Plata.....	15,501,175	534,965.46	9.55	11.08	17.69	34.51
Larimer.....	53,484,980	1,661,789.07	8.50	14.41	14.00	31.07
Las Animas.....	41,955,570	1,415,085.18	7.17	18.20	18.16	33.73
Lincoln.....	20,406,035	503,733.53	5.63	16.72	13.86	24.69
Logan.....	36,915,800	1,076,243.92	6.50	18.596	15.23	29.155
Mesa.....	30,225,510	1,028,470.97	7.00	14.72	17.75	34.03
Mineral.....	1,566,140	35,098.54	9.17	22.00	6.78	22.41
Moffat.....	7,364,950	250,288.63	13.25	19.00	14.30	34.34
Montezuma.....	6,564,215	247,649.30	12.32	16.50	18.37	37.73
Montrose.....	12,314,450	484,403.51	12.27	15.49	19.18	39.34
Morgan.....	29,101,210	828,856.62	7.143	11.09	15.45	28.48
Otero.....	32,300,715	947,702.87	4.95	14.74	15.93	29.34
Ouray.....	4,086,041	133,383.19	13.00	18.44	12.47	32.64
Park.....	8,904,500	147,028.94	7.00	4.77	5.69	16.51
Phillips.....	15,435,890	317,338.33	4.67	10.86	10.94	20.56
Pitkin.....	3,938,165	138,530.83	18.00	43.00	10.18	35.18
Prowers.....	22,012,235	658,399.04	7.13	15.44	15.99	29.91
Pueblo.....	81,450,092	3,120,526.78	4.66	24.50	17.92	38.31
Rio Blanco.....	5,958,175	161,849.64	9.24	12.50	12.86	27.16
Rio Grande.....	10,941,980	445,074.61	8.20	16.46	25.25	40.68
Routt.....	15,907,960	470,376.39	7.95	19.70	15.12	29.57
Saguache.....	11,477,884	303,026.72	7.40	11.81	14.24	26.40
San Juan.....	3,440,058	97,732.45	12.08	10.37	10.76	28.41
San Miguel.....	5,439,315	194,274.27	17.34	9.66	12.53	35.72
Sedgwick.....	13,277,680	394,844.68	8.76	16.80	14.58	29.73
Summit.....	4,639,146	118,709.73	10.375	14.27	10.02	25.59
Teller.....	5,674,560	234,943.54	13.10	54.95	14.75	41.40
Washington.....	17,245,073	460,604.56	5.25	12.35	16.75	26.71
Weld.....	105,202,720	3,243,121.27	6.71	14.45	17.35	30.83
Yuma.....	25,058,795	664,743.17	4.50	12.13	16.91	26.53
State.....	\$1,593,397,772	\$49,665,458.19	8.96	16.43	†14.43	31.16

*From County Treasurers' Annual Statements.

†Includes Revenues of Water and Park Districts.

‡Exclusive of Educational Institutions.

Note.—County levy does not include general school tax levy, shown in another table.

DETAILED STATEMENT OF ASSESSMENT FOR 1930
(From the Records of the State Tax Commission)

COUNTY	Valuation by County Assessor	Valuation by Tax Commission									
		Railroad Companies	Telephone Companies	Telegraph Companies	Express Companies	Pullman Company	Private Car Lines	Self- Winding Clocks	Local Utility Companies	Motor Vehicle Carriers (Bus and Truck Lines)	Total Valuation by Tax Commission
Adams-----	\$ 27,147,530	\$ 4,331,880	\$ 269,790	\$ 126,400	\$ 7,120	\$ 44,080	\$ 27,930	\$ 225	\$ 177,350	\$ 54,045	\$ 5,038,770
Alamosa-----	8,299,230	1,613,090	63,720	10,700	2,970	5,810	6,050	300	188,210	4,990	1,855,840
Arapahoe-----	19,911,000	2,625,560	327,000	74,760	4,960	33,580	16,100	330	932,360	30,569	2,046,229
Archuleta-----	2,611,079	1,973,350	13,060	10,410	3,610	---	200	---	18,060	2,120	2,026,790
Baca-----	12,082,470	2,125,920	32,210	2,680	2,840	---	13,840	---	57,840	1,000	2,236,330
Bent-----	9,968,360	3,491,740	75,720	33,210	4,440	17,040	24,860	---	139,800	4,700	3,791,510
Boulder-----	38,300,870	3,757,320	534,860	26,670	5,750	17,130	27,450	420	4,693,850	50,630	9,114,080
Chaffee-----	6,766,260	2,412,530	71,530	42,820	4,030	21,700	14,170	210	523,740	1,950	3,092,720
Cheyenne-----	10,810,565	2,885,720	29,110	57,940	3,610	29,110	19,840	---	---	16,793	3,043,123
Clear Creek-----	4,046,285	905,170	39,280	3,710	1,720	---	---	---	421,090	17,640	1,383,610
Conejos-----	7,413,570	1,694,600	38,850	11,910	3,100	---	520	---	42,660	360	1,792,000
Costilla-----	4,136,750	1,056,420	36,300	7,160	3,630	14,810	12,130	---	24,960	1,270	1,156,660
Crowley-----	8,371,298	1,140,150	43,770	7,440	1,800	14,460	9,650	90	153,630	1,240	1,372,230
Custer-----	2,647,565	396,610	10,090	2,900	720	---	2,040	---	15,210	---	427,570
Delta-----	12,236,100	2,179,000	132,940	23,320	3,980	---	23,640	195	83,490	6,130	2,452,695
Denver-----	424,138,680	2,445,830	8,254,990	60,000	4,340	18,410	12,220	12,795	25,023,650	21,938	35,854,173
Dolores-----	1,965,207	70,880	3,250	1,910	150	---	810	---	24,670	---	101,670
Douglas-----	7,339,725	3,530,030	145,120	163,510	5,410	53,380	28,440	---	543,820	28,270	4,497,980
Eagle-----	5,180,706	2,542,570	31,480	51,790	4,710	29,590	23,590	---	193,620	---	2,877,350
Elbert-----	12,861,815	3,345,450	53,570	51,640	6,400	39,140	23,870	---	80,440	13,498	3,616,948
El Paso-----	65,698,860	6,788,820	1,060,200	216,850	12,210	88,460	50,450	1,965	1,426,380	38,210	9,683,545
Fremont-----	17,581,213	3,450,400	161,690	46,450	4,790	32,750	31,240	210	1,545,310	17,760	5,290,600
Garfield-----	18,213,585	3,101,440	104,080	64,320	6,620	30,980	26,190	90	1,659,160	6,010	4,998,890
Gilpin-----	1,920,322	1,151,590	26,580	3,980	2,120	---	2,960	---	96,180	1,000	1,284,410
Grand-----	4,532,350	2,247,840	44,570	17,610	3,040	---	13,250	---	13,070	14,560	2,336,330
Gunnison-----	9,879,535	5,687,350	56,270	---	6,700	---	1,260	180	10,310	190	5,779,870
Hinsdale-----	866,883	294,710	2,090	---	540	---	---	---	14,760	---	312,100
Huerfano-----	10,763,391	4,144,820	99,130	86,830	7,400	45,250	40,470	---	875,580	16,220	5,315,700

[illegible]

**MILEAGE AND VALUE OF RAILROADS, TELEGRAPH AND TELEPHONE LINES AS
RETURNED BY STATE TAX COMMISSION FOR 1930**

COUNTY	Miles of Railroad	Value	Miles of Telephone	Value	Miles of Telegraph	Value
Adams-----	92.18	\$ 4,331,880	7,449.66	\$ 269,790	1,250.84	\$ 126,400
Alamosa-----	51.45	1,613,090	1,561.50	53,720	93.47	10,700
Arapahoe-----	62.94	2,625,560	8,815.64	327,000	711.25	74,750
Archuleta-----	63.10	1,978,350	315.25	13,050	90.87	10,410
Baca-----	47.24	2,125,920	943.00	32,210	23.44	2,680
Bent-----	77.59	3,491,740	1,945.00	75,720	481.53	33,210
Boulder-----	98.26	3,757,320	15,830.24	534,860	232.90	26,670
Chaffee-----	76.95	2,412,580	2,094.00	71,530	382.90	42,820
Cheyenne-----	63.12	2,886,720	736.44	29,110	506.04	57,940
Clear Creek-----	26.03	905,170	1,150.00	39,280	32.42	3,710
Conejos-----	54.05	1,694,600	1,156.00	38,850	103.98	11,910
Costilla-----	63.63	1,056,420	1,075.05	36,300	62.42	7,150
Crowley-----	31.35	1,140,150	1,163.20	43,770	64.94	7,440
Custer-----	12.65	396,610	299.00	10,090	25.30	2,900
Delta-----	69.50	2,179,000	4,059.00	132,940	203.64	23,320
Denver-----	54.86	2,445,830	241,460.40	8,254,990	614.20	60,000
Dolores-----	17.72	70,880	45.00	3,250	16.67	1,910
Douglas-----	94.39	3,530,030	3,641.76	145,120	1,746.01	163,510
Eagle-----	82.21	2,542,570	963.50	31,480	452.24	51,790
Elbert-----	83.24	3,348,450	1,175.60	53,570	450.96	51,640
El Paso-----	190.78	6,788,820	80,224.22	1,060,200	2,280.56	216,850
Fremont-----	101.38	3,450,400	4,758.00	161,690	465.18	46,450
Garfield-----	118.04	3,101,440	2,969.25	104,080	562.32	64,320
Gilpin-----	36.95	1,151,590	778.00	26,580	34.76	3,980
Grand-----	76.58	2,247,340	1,337.00	44,570	-----	-----
Gunnison-----	184.03	5,687,350	1,476.66	56,270	183.88	17,610
Hinsdale-----	9.40	294,710	77.00	2,090	-----	-----
Huerfano-----	127.75	4,144,820	2,669.84	99,130	816.67	86,830
Jackson-----	43.88	200,200	253.00	8,640	-----	-----
Jefferson-----	98.58	3,424,700	11,537.00	395,220	378.02	43,290
Kiowa-----	87.49	3,181,870	793.44	38,640	175.00	20,040
Kit Carson-----	60.18	2,142,660	884.50	29,370	301.80	34,560
Lake-----	53.69	1,735,460	1,738.00	59,370	240.99	27,600
La Plata-----	121.00	2,979,920	2,356.25	80,120	160.98	15,430
Larimer-----	136.37	5,037,350	13,378.48	476,920	209.46	23,980
Las Animas-----	232.75	9,264,560	6,403.40	233,160	1,772.57	151,970
Lincoln-----	73.33	3,049,860	1,454.74	65,250	495.40	56,730
Logan-----	133.60	6,524,100	4,560.12	180,610	785.06	61,610
Mesa-----	112.25	3,294,390	7,267.90	248,920	703.69	80,580
Mineral-----	17.40	545,530	265.00	9,050	17.41	1,990
Moffat-----	7.49	217,230	941.00	32,350	-----	-----
Montezuma-----	62.69	250,760	1,722.00	56,850	59.67	6,830
Montrose-----	52.35	1,641,310	3,471.50	117,630	133.71	15,310
Morgan-----	90.53	4,330,520	5,452.34	204,620	1,024.84	95,000
Otero-----	92.58	4,164,780	4,858.20	171,070	999.47	67,720
Ouray-----	37.40	808,800	1,018.00	34,790	71.62	8,200
Park-----	95.97	3,337,270	1,344.00	46,080	593.32	67,940
Phillips-----	36.31	1,783,680	693.97	31,350	36.30	4,160
Pitkin-----	39.14	729,420	700.00	24,550	37.33	3,210
Prowers-----	80.95	3,642,950	3,855.62	148,860	508.32	35,250
Pueblo-----	211.17	7,341,610	31,448.86	1,101,280	2,051.49	189,880
Rio Blanco-----	7.80	107,480	721.50	27,150	-----	-----
Rio Grande-----	52.51	1,370,660	1,876.00	64,490	49.86	5,710
Routt-----	90.94	2,637,500	1,785.25	61,020	-----	-----
Saguache-----	90.15	2,814,600	1,272.00	43,630	163.23	16,740
San Juan-----	28.72	589,990	663.00	22,650	13.10	1,500
San Miguel-----	47.70	190,800	926.00	31,630	54.77	6,270
Sedgwick-----	31.48	1,442,660	1,409.00	59,230	353.91	28,260
Summit-----	44.94	1,562,750	847.00	27,770	105.99	12,140
Teller-----	39.55	654,330	3,412.00	116,550	-----	-----
Washington-----	40.44	1,999,380	954.61	37,590	422.94	46,960
Weld-----	401.40	16,273,560	16,925.12	600,170	3,179.02	293,530
Yuma-----	40.42	1,985,580	1,436.27	50,990	405.10	46,390
State-----	4,960.52	\$172,658,060	478,850.28	\$16,686,810	27,394.26	\$2,678,680

COMPARATIVE ASSESSED VALUATION AS REPORTED BY TAX COMMISSION,
1923, 1924, 1925, 1928, 1929, 1930

COUNTY	1923	1924	1925	1928	1929	1930
Adams	\$ 32,493,982	\$ 31,770,460	\$ 31,771,520	\$ 31,726,560	\$ 32,229,890	\$32,186,300
Alamosa	9,234,277	9,260,459	9,346,936	10,000,259	9,997,212	10,095,070
Arapahoe	20,847,165	21,301,925	21,175,010	22,368,965	23,152,000	23,956,229
Archuleta	4,701,440	4,603,580	4,550,250	4,652,445	4,665,810	4,636,869
Baca	10,465,012	9,710,749	10,004,707	12,883,680	13,389,800	14,318,800
Bent	13,945,710	13,512,295	13,588,251	13,630,010	13,741,575	13,759,870
Boulder	46,767,829	46,753,280	47,273,532	46,327,665	46,872,840	47,414,950
Chaffee	10,566,990	10,590,445	10,489,660	9,488,820	9,610,955	9,858,980
Cheyenne	19,873,728	18,303,302	16,937,730	15,569,747	13,784,464	13,853,688
Clear Creek	5,533,725	5,488,825	5,424,380	5,411,005	5,411,690	5,434,895
Conejos	8,717,515	8,433,945	8,482,960	9,026,850	9,291,400	9,205,570
Costilla	5,666,640	5,401,112	5,244,260	5,336,840	5,312,665	5,293,410
Crowley	9,547,648	9,808,585	9,798,990	10,001,565	10,185,080	9,743,528
Custer	3,111,965	3,096,800	3,114,268	3,203,625	3,065,645	3,075,435
Delta	17,009,102	16,445,405	15,555,771	15,155,415	15,079,260	14,588,795
Denver	388,170,010	405,106,910	416,604,690	447,803,880	453,835,330	459,992,853
Dolores	1,745,228	1,560,447	1,630,444	1,888,425	1,825,115	2,066,877
Douglas	11,564,430	11,217,455	10,738,479	11,376,565	11,474,840	11,837,705
Eagle	6,551,254	6,385,168	6,522,163	6,921,631	7,176,615	8,058,056
Elbert	18,798,004	18,259,814	17,998,235	17,384,469	17,708,317	16,478,763
El Paso	70,056,730	70,661,250	70,999,530	73,306,745	75,393,330	75,322,405
Fremont	21,578,161	21,470,829	21,496,797	23,589,277	23,383,340	22,871,813
Garfield	17,472,170	16,770,960	16,760,930	17,436,520	18,036,195	18,212,475
Gilpin	2,820,720	2,831,029	2,636,555	2,798,456	2,877,759	3,204,732
Grand	4,675,450	4,539,060	4,683,230	5,580,350	5,813,895	6,888,680
Gunnison	16,005,045	15,855,290	15,633,235	15,830,005	15,956,050	15,659,495
Hinsdale	932,479	926,077	940,990	954,760	982,553	1,178,983
Huerfano	15,905,870	16,141,453	15,960,350	17,163,169	16,605,932	16,069,091
Jackson	4,238,020	3,846,730	3,677,870	3,558,540	3,855,680	3,670,740
Jefferson	24,158,345	24,692,740	25,711,450	26,817,590	27,775,520	28,644,700
Kiowa	14,401,847	14,161,089	14,353,803	13,480,566	13,187,310	13,004,770
Kit Carson	28,394,501	26,110,941	26,076,536	23,983,077	21,295,855	21,154,833
Lake	8,087,200	7,744,325	7,706,810	8,052,930	7,610,450	7,487,005
La Plata	15,076,393	15,084,263	15,264,755	15,507,430	15,520,611	15,351,155
Larimer	52,039,029	53,362,355	55,278,060	55,590,465	53,346,290	52,357,595
Las Animas	43,448,220	42,939,525	42,308,393	40,824,097	41,622,162	41,974,002
Lincoln	23,578,278	23,143,320	22,623,650	20,503,125	20,406,035	18,353,217
Logan	40,242,370	38,102,560	36,891,095	36,645,210	36,916,775	36,555,861
Mesa	29,623,271	29,447,230	29,712,195	29,557,440	30,225,510	30,755,510
Mineral	1,367,135	1,474,705	1,486,650	1,540,735	1,566,140	1,667,299
Moffat	6,181,385	6,128,905	6,572,136	7,305,434	7,374,850	7,261,564
Montezuma	6,310,885	6,120,240	6,296,535	6,542,315	6,564,155	6,241,295
Montrose	14,360,760	12,976,810	12,464,845	12,030,880	12,204,332	12,050,922
Morgan	28,918,038	28,626,940	28,299,506	28,896,120	28,881,820	27,718,762
Otero	33,702,793	33,694,130	34,495,560	31,826,660	32,013,510	32,118,810
Ouray	4,535,849	4,128,887	4,020,672	4,034,268	4,084,281	4,092,453
Park	8,834,705	8,481,555	8,510,030	8,923,880	8,895,205	8,696,650
Phillips	17,286,495	15,910,370	14,914,375	15,265,225	15,435,890	15,414,635
Pitkin	4,624,100	4,560,290	4,448,460	4,066,476	3,915,120	3,816,490
Prowers	23,156,260	22,862,215	21,770,175	21,173,010	21,831,630	21,564,010
Pueblo	72,717,353	73,445,919	74,263,765	79,996,935	81,257,860	83,025,130
Rio Blanco	5,147,870	4,914,165	5,291,040	6,124,945	6,074,325	5,796,095
Rio Grande	11,489,000	10,701,820	10,483,371	10,983,818	10,931,025	11,137,246
Routt	14,917,450	14,446,455	14,605,133	15,240,510	15,907,960	16,802,930
Saguache	11,332,725	11,278,995	11,151,184	11,447,000	11,435,834	10,583,464
San Juan	3,259,985	3,297,850	3,613,684	3,375,653	3,440,058	3,796,463
San Miguel	7,704,430	7,129,420	6,742,990	6,015,900	5,447,270	4,635,150
Sedgwick	11,154,155	10,372,865	9,985,115	13,224,080	13,273,730	12,970,680
Summit	5,240,071	4,522,946	4,501,909	4,544,918	4,616,006	4,481,396
Teller	6,936,490	6,860,590	7,004,030	5,336,070	5,674,560	5,038,070
Washington	27,231,295	25,859,305	23,503,472	19,116,665	17,244,308	15,921,474
Weld	113,713,440	110,485,890	106,102,390	104,345,960	105,179,350	102,130,907
Yuma	25,421,180	24,973,470	25,236,990	24,864,750	25,058,795	24,797,360
State	\$1,543,589,602	\$1,538,096,720	\$1,540,732,437	\$1,577,560,380	\$1,586,919,769	\$1,586,462,903

DETAILED ASSESSMENT FOR ALL COLORADO PROPERTY, 1912-1930, INCLUSIVE, BY CLASSES OF PROPERTY
(Assessments by County Assessors, Exclusive of Agricultural Land and Improvements)

Year	Non-Ag. Land and Imp.	Mineral Land and Imp.	Town Lots and Improve- ments	Livestock, Poultry and Bees	Bicycles, Motorcycles, Automobiles, Planes	Bank Deposits	Ag. Imp., Tractors, Harness	Amount Invested in Mdse.	Capital in Manufac- turing	All Other Property	Total Net Assessment by Assessors
1912	\$2,630,957	\$25,957,136	\$168,979,728	\$18,004,084	\$2,051,141	\$698,690	\$468,314	\$16,691,083	\$3,507,675	\$48,854,820	\$361,423,891
1913	5,946,033	62,154,447	366,684,421	52,677,676	4,364,644	2,068,865	3,143,115	39,039,675	10,769,114	75,339,545	859,743,039
1914	5,472,154	60,879,869	375,237,261	61,455,511	5,855,126	12,601,812	6,609,377	39,336,101	8,185,690	78,136,176	912,486,185
1915	5,053,479	56,129,297	374,735,282	72,682,153	7,978,314	11,130,408	7,433,882	40,666,917	12,048,092	78,055,300	936,284,863
1916	5,451,655	60,011,642	378,961,582	81,548,335	11,399,299	13,677,436	7,555,531	41,655,204	19,413,290	79,092,969	967,109,979
1917	7,274,740	60,241,450	379,415,144	93,174,264	17,549,202	18,305,192	9,872,963	55,139,990	25,214,748	92,171,403	*1,057,718,759
1918	7,466,631	59,279,676	381,243,444	114,622,555	26,831,349	20,993,169	9,872,712	79,846,131	29,341,520	109,123,510	1,176,455,535
1919	7,760,066	55,506,510	385,779,834	114,571,936	32,291,605	16,845,540	12,189,286	92,462,521	31,936,595	121,292,271	1,263,436,529
1920	8,650,543	52,417,510	407,973,988	102,802,539	46,479,662	19,341,727	14,379,817	92,129,113	39,428,674	129,308,176	1,362,813,477
1921	8,776,117	51,040,344	418,796,292	68,921,432	51,112,260	8,217,902	14,077,186	87,361,814	41,037,125	95,580,457	1,351,837,539
1922	8,517,485	48,708,999	429,160,986	62,821,752	43,887,596	7,426,325	12,402,950	79,842,423	38,705,447	95,135,555	1,322,400,909
1923	8,258,774	50,426,361	446,281,329	55,741,929	41,108,338	5,963,278	10,570,140	79,756,623	37,350,254	95,777,522	1,315,623,123
1924	7,515,499	49,337,483	462,432,766	48,859,346	43,361,435	8,560,386	9,880,861	80,238,703	39,702,880	91,015,179	1,312,730,329
1925	7,361,755	50,239,825	578,594,338	47,022,156	47,330,833	7,399,164	9,955,955	81,055,785	38,336,462	89,246,313	1,313,345,047
1926	7,013,614	49,242,857	503,718,773	46,406,718	46,035,357	9,262,190	10,190,859	76,264,162	36,716,344	82,902,047	1,320,890,766
1927	6,538,305	48,629,688	513,552,845	49,337,956	48,085,926	8,138,408	10,193,952	76,648,132	37,919,838	84,385,349	1,332,474,176
1928	6,220,581	47,313,344	526,006,389	57,129,404	47,576,260	14,281,445	10,467,523	77,131,541	37,390,163	83,413,727	1,334,532,680
1929	6,262,518	43,956,226	529,374,806	62,350,551	53,685,246	15,277,173	10,646,398	73,714,596	12,464,438	145,258,142	1,346,068,169
1930	5,949,437	42,988,351	532,111,032	55,726,631	50,642,770	18,049,516	11,341,646	74,751,964	13,495,823	162,782,441	1,333,377,923
Per Cent of increase or decrease, 1913 to 1930--	I. 0.06	D. 30.84	I. 45.11	I. 5.79	I. 1,060.30	I. 772.44	I. 260.84	I. 91.48	I. 25.32	I. 116.07	I. 55.09

*Includes \$1,219,265 increase ordered by Tax Commission.

Note—Assessment prior to 1913 was on the basis of one-third of actual value. Commencing with 1913 a full cash value basis was used.

ACRES, VALUE PER ACRE AND TOTAL VALUE OF AGRICULTURAL LANDS AS RETURNED FOR ASSESSMENT IN COLORADO, 1912-1930, INCLUSIVE

YEAR	Fruit Land			Irrigated Land			Natural Hay Land			Dry Farming Land			Grazing Land			Total, Including Grazing Land	
	Acres	Value	Val. per Acre	Acres	Value	Val. Per Acre	Acres	Value	Val. per Acre	Acres	Value	Val. per Acre	Acres	Value	Val. per Acre	Acres	Value
1912-----	211,042	\$4,988,882	\$ 23.64	1,813,168	\$ 32,355,224	\$17.83	189,199	\$2,608,029	\$13.78	2,494,986	\$ 10,147,170	\$ 4.06	13,354,970	\$21,121,667	\$1.58	18,063,365	\$ 71,220,962
1912-----	23,836	6,774,119	284.19	2,248,274	123,778,342	55.05	115,605	2,668,460	23.08	3,353,081	27,300,436	8.14	13,876,229	53,764,276	8.87	19,617,025	214,285,633
1914-----	23,500	5,899,394	251.03	2,236,000	138,998,406	62.12	190,865	4,539,906	23.78	3,277,919	29,210,497	8.91	15,381,078	67,932,182	4.41	21,109,362	246,480,385
1915-----	28,813	5,906,723	209.36	2,154,168	143,427,442	66.58	214,242	5,501,912	25.67	3,602,656	33,009,038	9.16	16,284,222	75,928,115	4.66	22,284,101	263,773,260
1916-----	28,473	5,429,620	190.69	2,173,335	142,635,050	65.10	211,447	5,472,966	25.88	3,644,019	34,935,150	9.58	17,110,263	79,809,582	4.66	23,167,537	268,282,668
1917-----	29,076	5,467,705	188.06	2,114,917	146,739,916	69.38	247,467	6,509,093	26.30	8,266,507	78,679,563	9.52	13,090,752	65,659,940	5.01	23,748,719	302,956,217
1918-----	29,394	4,935,880	167.92	2,144,617	162,720,726	71.21	242,626	6,570,620	27.08	8,583,999	107,116,897	12.48	14,129,307	78,018,806	6.52	25,129,948	349,361,929
1919-----	31,247	5,283,366	169.08	2,246,476	170,817,162	76.04	220,739	6,522,935	29.55	10,002,192	145,972,248	14.59	14,132,159	75,408,676	5.34	26,632,813	404,004,386
1920-----	32,148	5,415,980	168.47	2,308,415	192,800,890	83.52	228,330	6,679,787	29.25	10,339,797	167,137,261	16.16	15,071,165	88,405,110	5.87	27,979,855	460,438,978
1921-----	32,084	6,254,095	163.76	2,292,701	191,430,830	83.46	263,396	7,344,393	27.88	11,161,376	178,472,662	15.91	15,693,783	88,803,927	6.66	29,343,840	470,805,897
1922-----	29,859	5,033,990	168.59	2,263,964	187,374,129	82.76	267,928	7,662,085	28.60	11,037,563	168,490,955	16.26	16,981,618	91,802,094	5.41	30,580,922	460,363,253
1923-----	30,229	4,937,037	163.32	2,287,653	182,531,436	79.79	272,021	7,714,385	28.36	11,119,294	161,831,776	14.55	18,059,178	92,620,568	6.13	31,768,376	449,635,202
1924-----	31,378	4,781,405	152.38	2,253,965	179,336,632	79.56	260,658	7,539,690	28.92	11,054,786	151,314,043	13.68	19,032,970	90,409,339	4.75	32,633,747	433,381,009
1926-----	30,352	4,480,357	147.61	2,283,110	173,219,787	75.87	261,525	7,631,229	29.18	11,640,466	150,057,870	12.89	19,552,156	82,460,126	4.22	33,767,609	417,849,369
1926-----	24,783	3,671,270	148.14	2,224,443	171,002,084	76.87	347,446	8,908,931	25.64	11,473,210	147,264,503	12.84	20,317,793	82,573,584	4.06	34,887,675	413,420,372
1927-----	20,045	3,287,155	163.99	2,249,196	169,851,231	75.51	328,920	8,694,150	26.43	11,559,097	143,889,054	12.45	20,724,215	81,136,763	3.92	34,881,473	406,857,858
1928-----	20,515	3,230,062	157.46	2,239,622	165,644,975	73.96	330,990	8,628,409	26.07	11,392,036	137,717,686	12.09	21,179,940	77,735,048	3.67	35,163,103	392,956,080
1929-----	20,771	3,177,745	152.99	2,192,666	166,980,644*	72.52	347,852	8,584,723	24.68	11,385,796	129,514,067	11.38	20,800,067	75,654,485	3.63	34,747,152	383,811,664
1930-----	20,214	3,212,563	158.93	2,163,794	153,447,779	70.92	355,192	8,504,900	23.95	11,516,523	124,829,179	10.84	20,836,558	72,614,305	8.48	34,892,281	362,608,726
Per cent of increase or decrease, 1913-1930-----	D. 15.20	D. 52.58	D. 44.23	D. 3.76	1. 23.97	I.28.83	1,207.25	1,218.72	I. 3.77	I. 243.46	I. 357.24	I 33.17	1. 50.16	I. 34.87	D. 10.08	1. 77.87	1. 69.17

*Includes waste and seep lands, suburban and mountain home sites.
1912 was the last year in which assessments were on the basis of one-third of actual cash value, and that year's figures are shown only for the purpose of information. In 1913 Colorado first attempted assessment at full cash value, and figures for that year are comparable with figures for subsequent years.

ASSESSMENTS OF PUBLIC UTILITIES BY COLORADO TAX COMMISSION, 1912 TO 1930

Year	RAILROADS			TELEPHONE LINES			TELEGRAPH LINES			All Other Property	Total by Tax Commission	Total Assessment Including County Assessors'
	Miles	Value	Val. Per Mile	Miles	Value	Val. Per Mile	Miles	Value	Val. Per Mile			
1912-----	5,364	\$ 54,567,795	\$10.172	214,878	\$ 3,872,576	\$18.02	29,090	\$ 906,110	\$31.15	\$ 1,655,128	\$ 61,011,609	\$ 422,440,500
1913-----	5,655	174,774,505	30,906	247,283	10,842,640	43.85	28,252	1,507,070	53.34	73,117,780	260,241,995	1,119,985,034
1914-----	5,814	179,460,890	30,867	253,524	10,842,490	42.77	28,304	1,495,600	52.84	71,871,005	263,669,985	1,176,156,170
1915-----	5,604	173,499,550	30,959	255,407	10,558,510	41.34	28,279	1,477,640	52.25	68,149,950	253,685,650	1,189,970,513
1916-----	5,588	168,911,680	30,227	276,498	12,741,550	46.08	28,008	1,607,850	57.41	59,190,084	242,451,164	1,209,561,143
1917-----	5,587	169,795,900	30,391	278,072	12,890,130	46.35	28,055	2,050,320	73.08	62,830,300	247,567,650	1,305,286,409
1918-----	5,542	169,086,470	30,510	285,074	12,666,340	44.43	26,114	2,184,780	83.66	61,719,150	245,656,740	1,422,113,275
1919-----	5,500	165,833,130	30,151	307,613	12,722,800	41.36	26,916	2,221,400	82.53	50,999,800	231,777,130	1,495,213,659
1920-----	5,406	161,577,790	29,907	520,351	12,976,670	24.94	25,456	2,390,850	93.92	50,408,880	227,454,190	1,590,267,667
1921-----	5,327	160,314,680	30,091	321,374	13,214,700	41.12	26,020	2,431,240	93.44	50,458,340	226,418,960	1,578,256,499
1922-----	5,164	160,487,820	31,078	333,567	13,332,880	39.97	26,809	2,366,820	89.03	49,919,450	226,126,970	1,548,617,879
1923-----	5,087	160,693,730	31,589	371,700	13,544,500	36.44	27,724	2,484,100	89.60	51,244,150	227,966,480	1,543,589,603
1924-----	5,459	160,669,940	29,432	416,136	13,879,710	33.35	26,971	2,505,740	92.91	50,714,760	227,770,150	1,540,500,479
1925-----	5,045	160,404,460	32,516	421,731	13,945,600	33.07	28,113	2,479,000	88.18	50,558,380	227,387,440	1,540,732,487
1926-----	5,036	158,898,470	31,552	469,564	14,146,180	30.12	28,283	2,634,790	93.16	50,259,840	225,939,280	1,546,830,046
1927-----	4,826	164,118,640	34,007	493,100	14,313,420	29.03	28,306	2,669,170	94.30	51,715,260	232,816,490	1,565,290,666
1928-----	4,995	161,387,910	32,309	490,555	14,499,940	29.56	27,852	2,639,930	94.79	54,499,920	233,027,700	1,577,560,380
1929-----	4,992	165,567,770	33,168	447,853	15,676,400	35.00	27,931	2,668,390	95.18	56,949,040	240,851,600	1,586,919,769
1930-----	4,961	172,658,060	34,803	478,850	16,686,810	34.85	27,394	2,678,680	97.78	61,061,430	253,084,980	1,586,462,903
Per cent of increase or decrease, 1913 to 1930----	D.12.27	D. 1.21	I.12.61	I. 93.64	I. 53.90	D.20.52	D3.04	I. 77.74	I. 83.32	D. 16.49	D. 2.75	I. 41.65

Note--Assessment prior to 1913 was on the basis of one-third of actual value. Commencing with 1913 a full cash value basis was used.

COMPARISON OF INCREASES OR DECREASES IN ASSESSMENTS, 1913 TO 1930

Classes of Property	Acres or Miles Per Cent		Total Value Per Cent		Av. Value per Acre or per Mile Per Cent	
	Increase	Decrease	Increase	Decrease	Increase	Decrease
Assessments by Assessors						
Fruit Land.....	.....	15.20	.....	52.58	.....	44.23
Irrigated Land.....	.....	3.76	23.97	.....	28.83	.....
Natural Hay Land.....	207.25	.....	218.72	.....	3.77	.....
Dry Farming Land.....	243.46	.....	357.24	.....	33.17	.....
Grazing Land.....	50.16	.....	34.87	.....	.....	10.08
Total Lands.....	77.87	.....	69.17	.....	.....	4.85
Non-Ag. Land and Improve- ments .....	.....	.....	0.06	.....	.....	.....
Mineral Land and Improve- ments .....	.....	.....	.....	30.84	.....	.....
Town Lots and Improvements .....	.....	.....	45.11	.....	.....	.....
Livestock, Poultry and Bees .....	.....	.....	5.79	.....	.....	.....
All Motor Vehicles.....	.....	.....	1060.30	.....	.....	.....
Bank Deposits.....	.....	.....	772.44	.....	.....	.....
Agricultural Implements....	.....	.....	260.84	.....	.....	.....
Money in Merchandise.....	.....	.....	91.48	.....	.....	.....
Capital in Manufacturing....	.....	.....	25.32	.....	.....	.....
All Other Property.....	.....	.....	116.07	.....	.....	.....
Total by Assessors.....	.....	.....	55.09	.....	.....	.....
Assessments by Tax Commission						
Railroads .....	.....	12.44	.....	1.21	12.82	.....
Telephone Lines.....	93.64	.....	53.90	.....	.....	20.52
Telegraph Lines.....	.....	3.04	77.74	.....	83.31	.....
All Other Property.....	.....	.....	.....	16.22	.....	.....
Total by Tax Commission....	.....	.....	.....	2.75	.....	.....
Total Assessment for State..	.....	.....	41.65	.....	.....	.....

DISTRIBUTION OF STATE LEVY, AND ESTIMATED RECEIPTS THEREFROM, 1912-1930, INCLUSIVE

	General State		State University		Agricultural Coll.		School of Mines	
	Levy, Mills	Revenue	Levy, Mills	Revenue	Levy, Mills	Revenue	Levy, Mills	Revenue
1912 -----	2.30950	\$ 975,380	0.40000	\$ 168,923	0.20000	\$ 84,466	0.20000	\$ 84,466
1913 -----	0.71920	939,623	0.13650	178,264	0.06820	89,132	0.06820	89,132
1914 -----	0.75220	985,059	0.14275	186,942	0.07138	93,471	0.06800	89,050
1915 -----	0.73000	911,887	0.20450	255,386	0.14480	180,928	0.07150	89,268
1916 -----	0.70000	848,159	0.20450	247,719	0.14480	175,497	0.07150	86,588
1917 -----	0.80230	1,047,218	0.39170	511,385	0.30340	396,011	0.08840	115,374
1918 -----	0.74500	1,059,745	0.38660	549,788	0.30150	428,767	0.08270	117,609
1919 -----	0.86540	1,294,017	0.38660	578,050	0.28650	428,379	0.08270	123,654
1920 -----	0.85720	1,363,177	0.38360	607,800	0.28430	450,444	0.08180	130,084
1921 -----	0.89310	1,409,463	0.74770	1,179,496	0.42440	670,784	0.13290	209,798
1922 -----	0.91840	1,422,188	0.74770	1,157,338	0.42440	658,194	0.13290	205,858
1923 -----	0.88520	1,366,081	0.59770	922,380	0.41780	644,768	0.13290	205,139
1924 -----	0.65570	1,010,137	0.59770	920,757	0.42530	655,292	0.13290	204,779
1925 -----	0.64950	1,000,706	0.59770	920,895	0.41780	643,733	0.13290	204,810
1926 -----	0.53016	820,047	0.60324	933,086	0.42004	649,716	0.13842	214,107
1927 -----	0.65082	1,018,723	0.61989	970,308	0.38132	596,877	0.17534	274,458
1928 -----	0.52892	834,403	0.61989	977,914	0.38132	601,555	0.17534	276,609
1929 -----	1.02672	1,629,240	0.61989	983,666	0.38132	605,094	0.17534	278,236
1930 -----	1.04172	1,652,650	0.61989	983,433	0.38132	604,950	0.17534	278,170

Note.—General State includes ordinary governmental costs and the cost of maintenance and operation of the capital buildings. State University includes the university and Colorado General hospital. Agricultural College includes the college, the experiment station and Fort Lewis school. School of Mines includes the experiment station. All building levies for the educational institutions are included with maintenance and operation levies, but some of them have special funds not included in the ordinary state levy and hence not included here.

DISTRIBUTION OF STATE LEVY, AND ESTIMATED RECEIPTS THEREFROM, 1912-1930,
INCLUSIVE—Continued

	Teachers College		Western State Coll.		Insane Hospital		Mute & Blind School	
	Levy, Mills	Revenue	Levy, Mills	Revenue	Levy, Mills	Revenue	Levy, Mills	Revenue
1912 -----	0.20000	\$ 84,466	-----	-----	0.20000	\$ 84,466	0.20000	\$ 84,466
1913 -----	0.06820	89,132	-----	-----	0.06820	89,132	0.06820	89,132
1914 -----	0.07138	93,471	-----	-----	0.07138	93,471	0.07138	93,471
1915 -----	0.10230	127,838	0.03000	\$ 37,476	0.07480	93,485	0.10230	127,838
1916 -----	0.10230	124,000	0.03000	36,351	0.07480	90,679	0.10230	124,000
1917 -----	0.19590	255,692	0.06500	84,843	0.27300	356,278	0.10040	131,116
1918 -----	0.19400	275,890	0.06500	92,438	0.26600	378,282	0.09400	133,679
1919 -----	0.19400	290,072	0.08000	119,617	0.26600	397,727	0.09400	140,550
1920 -----	0.19250	305,013	0.07600	125,868	0.26300	418,240	0.09300	147,895
1921 -----	0.27490	433,656	0.10280	162,107	0.26530	418,711	0.13820	218,115
1922 -----	0.27490	425,515	0.10280	159,063	0.26530	410,848	0.13820	214,019
1923 -----	0.27500	424,305	0.09530	147,037	0.26530	409,414	0.13820	213,272
1924 -----	0.27500	423,561	0.09530	146,777	0.26530	408,695	0.13820	212,897
1925 -----	0.27500	423,624	0.11030	169,912	0.26530	408,756	0.13820	212,929
1926 -----	0.27702	428,493	0.10285	159,088	0.26822	414,881	0.14022	216,891
1927 -----	0.26042	407,633	0.10044	157,218	0.26822	419,842	0.14022	219,485
1928 -----	0.26042	410,828	0.10044	158,460	0.26822	423,133	0.14022	221,206
1929 -----	0.26042	413,245	0.12544	199,053	0.26822	425,622	0.14022	222,507
1930 -----	0.26042	413,147	0.12544	199,006	0.26822	425,521	0.14022	222,454

DISTRIBUTION OF STATE LEVY, AND ESTIMATED RECEIPTS THEREFROM, 1912-1930,
INCLUSIVE—Continued

	Bonds and Interest		Highways		Miscellaneous		State Totals	
	Levy, Mills	Revenue	Levy, Mills	Revenue	Levy, Mills	Revenue	Total Levy	Total Revenue
1912 -----	0.27940	\$ 117,984	-----	-----	0.06670	\$ 28,155	4.0556	\$1,712,772
1913 -----	0.08290	108,300	-----	-----	0.02040	26,600	1.3000	1,698,447
1914 -----	0.12125	158,794	-----	-----	0.02028	26,558	1.3900	1,820,287
1915 -----	0.11950	149,280	0.5000	\$ 624,600	0.02030	25,334	2.1000	2,623,320
1916 -----	0.11950	144,797	0.5000	605,849	0.02030	24,573	2.0700	2,508,212
1917 -----	0.11950	155,981	0.5000	652,643	0.28040	365,951	3.1200	4,072,492
1918 -----	0.10650	151,455	0.5000	711,057	0.02870	40,815	2.7700	3,939,525
1919 -----	0.09800	146,531	1.0000	1,495,214	0.11680	174,581	3.4700	5,188,392
1920 -----	0.11990	190,673	0.9886	1,572,139	0.13010	206,895	3.4700	5,518,228
1921 -----	0.23180	365,807	0.9973	1,573,932	0.14160	223,544	4.3500	6,865,413
1922 -----	0.27500	425,870	0.9973	1,544,375	0.20310	314,540	4.4800	6,937,808
1923 -----	0.39800	614,198	0.5000	771,606	0.22460	346,620	3.9300	6,064,820
1924 -----	0.39400	606,958	0.5000	770,250	0.22060	339,850	3.7000	5,699,953
1925 -----	0.38600	594,723	0.5000	770,366	0.22730	350,255	3.7000	5,700,709
1926 -----	0.54600	844,549	0.5000	773,396	0.14380	222,475	3.6700	5,676,729
1927 -----	0.54000	845,257	0.5000	782,645	0.20330	318,271	3.8400	6,010,717
1928 -----	0.40190	634,021	0.5000	788,780	0.18330	289,214	3.5600	5,616,118
1929 -----	0.38410	609,505	-----	-----	0.27830	441,665	3.6600	5,807,833
1930 -----	0.39410	625,225	-----	-----	0.18333	290,846	3.5900	5,695,402

Note.—The Miscellaneous column contains levies for stock inspection, war and other military uses, the state fair, blind benefit and other occasional items.

1930 COUNTY TAX LEVIES, IN MILLS, FOR ALL COUNTY PURPOSES; TAX COLLECTED IN 1931

COUNTY	General School	Roads and Bridges	Ordinary County, Including Poor and Contingent	Mothers' Compensation and Blind Benefits	County Fair and Advertising	Bonds, Interest and Registered Warrants	Building	Total
Adams	3.93	3.00	3.09	.10	.10	---	---	10.22
Alamosa	4.88	---	4.50	.10	.17	.73	.32	10.70
Arapahoe	5.00	2.40	2.90	.12	---	---	.25	10.67
Archuleta	4.00	2.25	5.20	.10	---	---	---	11.55
Baca	5.00	2.25	3.91	---	.25	---	1.00	12.41
Bent	4.52	3.00	3.45	.10	.20	---	1.05	12.32
Boulder	4.00	2.71	3.36	.12	.12	---	---	10.31
Chaffee	4.20	1.00	7.00	---	---	2.30	1.00	15.50
Cheyenne	2.34	---	2.65	---	---	---	---	4.99
Clear Creek	3.10	3.10	7.20	.10	---	---	---	13.50
Conejos	5.00	1.00	8.14	.11	.10	.65	---	15.00
Costilla	5.00	1.50	9.00	---	---	3.50	---	19.00
Crowley	4.35	1.25	2.20	.10	.10	---	---	8.00
Custer	5.00	3.00	7.00	---	---	---	---	15.00
Delta	5.00	6.87	5.40	.17	.20	.20	---	17.84
Denver	2.14	.25	4.39	.13	---	---	---	6.91
Dolores	5.00	4.90	9.50	---	.50	4.50	---	24.40
Douglas	3.08	2.75	3.35	---	---	---	---	9.18
Eagle	4.00	5.00	5.00	.10	---	---	1.50	15.60
Elbert	4.00	3.00	1.94	.12	---	---	---	9.06
El Paso	3.43	1.25	3.25	.13	.13	---	---	8.19
Fremont	4.90	2.66	2.89	.12	.15	---	1.00	11.72
Garfield	4.75	4.75	4.13	.12	.50	1.00	.50	15.75
Gilpin	4.00	3.50	8.50	---	---	1.00	---	17.00
Grand	2.20	2.19	4.44	.30	.25	.26	.51	10.15
Gunnison	2.21	3.40	3.77	.08	.10	1.40	---	10.96
Hinsdale	5.00	2.00	9.00	---	---	8.00	---	24.00
Huerfano	5.00	3.00	6.30	---	---	2.00	---	16.30
Jackson	2.20	1.00	3.00	---	---	.40	---	6.60
Jefferson	4.30	3.37	3.74	---	---	---	---	11.41
Kiowa	2.63	---	1.06	---	.35	---	---	4.04
Kit Carson	4.60	2.57	3.20	.07	.20	---	.05	10.69
Lake	4.00	2.98	8.10	.33	.20	---	---	15.61
La Plata	5.00	4.75	3.72	.10	.20	.62	---	14.39
Larimer	3.98	3.40	3.16	.16	.04	1.63	---	12.37
Las Animas	5.00	3.00	4.17	.02	.11	---	---	12.30
Lincoln	4.74	2.50	2.71	---	.17	.24	.05	10.41
Logan	4.34	2.20	3.09	.12	.40	.51	---	10.66
Mesa	5.00	3.10	3.50	.12	---	.28	---	12.00
Mineral	3.00	2.00	6.50	.17	---	---	---	11.67
Moffat	5.00	4.00	7.94	---	.51	.80	---	18.25
Montezuma	5.00	5.00	5.81	.05	.27	1.50	1.00	18.63
Montrose	5.00	3.15	4.86	.10	.28	3.32	.38	17.09
Morgan	4.44	2.47	3.69	.13	.10	---	.58	11.41
Otero	4.27	2.00	2.80	.10	.05	---	---	9.22
Ouray	4.00	3.00	5.00	---	---	5.30	.30	17.60
Park	3.00	---	4.70	.10	---	---	---	7.80
Phillips	3.39	1.50	2.65	.08	.20	.24	.25	8.31
Pitkin	4.00	1.00	7.88	.12	---	7.00	---	20.00
Prowers	4.90	2.75	4.15	.03	.07	---	.02	11.92
Pueblo	4.49	1.27	3.00	.19	---	---	---	8.95
Rio Blanco	4.90	2.50	5.00	---	.50	---	1.16	14.06
Rio Grande	2.25	2.25	5.50	---	---	---	---	10.00
Routt	4.50	2.50	3.80	---	.15	1.50	---	12.45
Saguache	3.00	3.00	4.40	---	---	---	---	10.40
San Juan	3.25	3.33	7.55	.12	---	1.90	---	16.15
San Miguel	5.00	4.00	8.41	---	---	1.00	---	18.41
Sedgwick	3.80	3.00	2.44	.05	.56	---	---	9.85
Summit	3.00	3.00	7.00	3.75	---	---	---	16.75
Teller	5.00	---	8.00	.10	---	5.00	---	18.10
Washington	5.00	3.25	4.03	.13	---	---	---	12.41
Weld	4.13	3.00	3.46	.02	---	---	---	10.61
Yuma	5.00	2.00	2.25	.10	.15	---	---	9.50
State Av.	3.64	1.87	3.94	.10	.08	.28	.07	9.98

COUNTY MILL LEVIES, EXCLUSIVE OF GENERAL AND SPECIAL SCHOOL LEVIES

	1913	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Adams-----	4.00	6.00	8.00	9.50	7.82	6.32	5.67	5.60	6.05	5.88	6.29	6.36	6.28	6.29
Alamosa-----	10.11	6.25	7.90	7.45	5.75	5.72	6.22	6.22	6.31	6.30	6.18	5.70	5.72	5.82
Arapahoe-----	5.80	4.00	4.50	4.50	4.50	5.82	4.97	4.82	5.59	6.57	6.42	6.12	5.67	5.67
Archuleta-----	11.50	11.15	11.75	11.50	7.10	8.10	8.65	8.65	9.04	7.45	3.55	10.65	8.55	7.55
Baca-----	7.50	6.40	9.53	7.25	6.75	6.42	5.40	4.50	6.30	6.33	6.16	7.44	7.34	7.41
Bent-----	7.61	7.22	9.05	6.575	7.65	5.07	5.283	4.75	5.32	6.17	6.48	6.42	7.39	7.80
Boulder-----	5.00	6.23	7.23	7.23	6.375	6.175	5.375	6.375	5.925	5.775	6.21	6.34	7.24	6.31
Chaffee-----	6.10	7.00	8.50	8.50	7.90	8.65	7.70	8.55	8.75	8.75	7.55	7.60	12.00	11.30
Cheyenne-----	4.50	5.45	4.95	7.20	3.86	2.62	2.50	2.44	3.45	3.43	3.70	2.95	3.15	2.65
Clear Creek-----	13.20	9.90	11.40	11.90	7.90	7.90	9.90	8.90	10.60	10.10	10.60	9.86	10.50	10.40
Conejos-----	6.53	8.55	8.55	8.55	8.55	8.50	9.85	9.65	9.50	10.30	10.20	9.61	12.00	10.00
Costilla-----	9.60	9.05	10.00	10.50	11.00	15.68	15.90	15.40	14.50	14.50	14.50	14.50	14.00	14.00
Crowley-----	4.80	5.90	7.20	8.00	6.07	5.64	7.63	6.64	6.64	6.59	6.65	5.80	4.45	3.65
Custer-----	8.00	7.50	9.60	9.60	10.025	9.50	8.50	9.50	8.00	8.50	8.30	9.00	10.60	10.00
Delta-----	5.13	4.80	6.50	10.00	8.00	6.36	6.73	6.91	6.64	8.64	10.22	12.03	12.46	12.84
Denver-----	0.66	4.15	4.26	2.38	2.16	2.51	3.765	4.627	4.855	4.597	4.707	4.742	4.742	4.77
Dolores-----	11.90	9.80	12.80	17.80	17.80	18.20	18.90	18.90	22.90	22.90	22.90	18.90	19.40	19.40
Douglas-----	6.86	7.91	8.92	10.32	5.70	5.70	6.95	5.90	5.90	6.10	6.10	6.10	6.10	6.10
Eagle-----	8.00	11.00	12.70	14.46	16.11	16.11	15.10	12.50	12.50	12.00	11.00	11.00	11.50	11.60
Elbert-----	5.30	5.64	7.116	6.986	6.41	6.41	5.38	4.715	5.62	4.93	4.97	4.38	4.91	5.07
El Paso-----	4.77	6.47	8.22	8.16	6.30	6.30	5.50	5.00	5.00	4.50	4.43	5.00	5.00	4.75
Fremont-----	5.88	7.70	9.53	9.63	8.95	6.95	7.37	7.60	7.80	7.63	7.66	6.34	6.34	5.92
Garfield-----	7.72	9.80	10.30	11.10	12.20	10.40	10.60	8.80	14.38	12.00	12.35	12.00	11.00	11.00
Gilpin-----	12.00	15.00	15.00	15.00	14.50	14.50	12.50	12.50	12.50	12.50	12.60	12.50	12.50	13.00
Grand-----	8.85	10.30	14.80	13.625	12.10	10.95	11.80	10.20	9.66	11.30	7.51	8.85	9.08	8.01
Cunnison-----	9.70	8.40	8.00	8.10	6.35	8.15	7.74	4.18	7.18	7.345	7.29	9.85	8.75	8.74
Hinsdale-----	18.00	16.75	18.00	13.50	19.50	20.50	21.05	25.00	24.00	24.00	21.00	27.26	27.25	19.00
Huerfano-----	9.70	9.20	10.50	10.50	11.50	8.50	8.50	8.02	10.28	10.75	8.75	11.85	10.30	11.30
Jackson-----	7.72	5.56	7.04	8.45	5.70	6.00	4.70	4.45	8.95	6.60	6.15	5.70	5.45	4.40
Jefferson-----	6.00	6.40	7.20	7.23	4.89	4.50	4.87	6.60	5.80	7.33	8.16	8.19	7.98	7.11
Kiowa-----	3.70	3.40	4.00	4.00	3.30	3.46	3.65	3.65	3.85	4.03	4.13	.32	1.34	1.41
Kit Carson-----	3.23	5.13	7.25	7.25	4.92	4.50	4.00	4.43	4.50	4.50	4.50	4.50	5.48	6.09
Lake-----	13.70	14.63	14.93	15.03	11.75	9.12	9.67	9.80	13.426	13.425	10.725	11.44	11.44	11.61
La Plata-----	6.50	7.13	9.87	10.87	7.83	7.33	7.84	7.81	8.83	8.43	10.350	9.00	9.56	9.30
Larimer-----	6.30	6.20	6.62	7.93	6.65	6.00	5.25	7.50	7.37	7.16	7.43	8.37	8.50	8.39
Las Animas-----	4.06	6.15	8.10	7.95	6.98	7.11	7.87	7.26	5.80	5.80	6.80	5.80	7.17	7.30
Lincoln-----	4.95	4.67	4.98	4.85	4.86	4.48	4.66	3.70	4.54	4.60	6.41	5.46	5.63	5.67
Logan-----	6.70	9.73	10.40	10.60	6.195	4.83	4.22	3.68	4.63	4.72	6.11	7.29	6.50	6.32
Mesa-----	5.20	6.57	8.70	7.76	8.41	7.53	8.60	7.60	7.60	7.60	7.60	7.00	7.00	7.00
Mineral-----	12.25	16.25	15.75	17.52	10.87	11.37	11.37	11.37	11.37	10.97	10.67	9.17	9.17	8.67
Moffat-----	9.10	12.20	12.60	12.72	10.60	8.90	10.25	10.25	9.75	10.425	12.00	12.00	13.25	13.25
Montezuma-----	9.00	14.68	14.93	14.90	12.77	11.77	13.48	13.25	13.75	13.65	13.75	13.12	12.32	13.63
Montrose-----	9.30	10.16	11.57	12.19	8.92	8.65	8.56	8.27	10.38	9.94	10.30	11.23	12.27	11.92
Morgan-----	6.34	5.23	8.53	10.53	1.73	3.738	2.94	2.65	4.67	3.78	6.75	7.162	7.14	6.97
Otero-----	7.65	5.03	6.83	5.24	5.06	5.22	5.00	5.00	4.50	4.50	4.50	4.20	4.95	4.95
Ouray-----	12.70	14.45	16.65	18.15	14.85	15.55	15.55	15.45	15.70	15.20	14.825	14.00	13.00	13.60
Park-----	6.30	9.30	9.00	9.00	7.75	8.00	7.00	8.00	7.00	6.50	7.00	7.00	7.00	4.80
Phillips-----	4.87	5.55	7.32	9.835	3.325	3.325	3.41	3.29	5.18	4.88	5.15	4.34	4.67	4.92
Pitkin-----	16.62	18.50	21.00	20.50	16.00	13.50	17.90	14.75	18.00	16.00	18.00	16.625	18.00	16.00
Prowers-----	6.60	6.00	7.10	7.10	5.70	5.50	4.91	4.855	4.65	4.86	4.85	6.35	7.18	7.02
Pueblo-----	5.90	5.00	6.00	6.00	6.75	5.85	6.35	5.15	5.15	5.15	4.67	4.67	4.66	4.46
Rio Blanco-----	8.95	10.23	11.53	13.03	8.15	8.52	8.37	8.16	8.25	10.53	8.31	8.49	9.24	9.16
Rio Grande-----	7.70	5.30	5.60	7.60	8.60	7.35	7.50	9.95	4.96	4.45	5.70	6.20	8.20	7.75
Routt-----	6.50	9.50	10.55	12.45	6.00	7.25	8.75	5.10	5.90	5.85	5.85	6.25	7.95	7.95
Saguache-----	6.70	6.95	7.35	11.60	6.04	5.18	7.24	6.76	6.90	6.90	7.00	7.00	7.40	7.40
San Juan-----	15.50	12.25	11.00	12.65	12.68	12.33	12.28	12.40	12.40	12.50	12.43	11.64	12.08	12.90
San Miguel-----	10.75	11.80	14.436	13.65	13.65	11.82	11.82	12.05	13.84	13.33	15.26	13.84	17.34	13.41
Sedgwick-----	8.49	5.30	8.365	10.42	6.412	6.455	4.67	3.69	5.05	8.244	7.086	8.282	8.76	6.05
Summit-----	6.20	6.50	7.50	13.125	10.125	8.125	8.125	8.50	8.375	8.375	9.125	10.00	10.375	10.38
Teller-----	11.00	11.42	13.08	13.30	12.10	12.10	13.30	13.10	13.232	13.10	13.10	13.10	13.10	13.10
Washington-----	4.60	4.90	7.75	9.00	4.50	4.50	4.50	7.25	7.20	6.00	4.25	4.50	5.25	7.40
Weld-----	3.50	5.23	6.53	7.33	5.41	5.04	4.97	5.20	5.20	6.154	6.67	6.71	6.71	6.48
Yuma-----	6.42	6.03	6.13	5.78	5.768	5.81	5.70	5.60	5.50	4.80	4.60	4.50	4.50	4.50
State Levy-----	1.3	2.77	3.47	3.47	4.35	4.48	3.93	3.70	3.70	3.67	3.84	3.56	3.65	3.59
Assessed Val.	\$1,306,391,296	\$1,424,921,288	\$1,498,761,128	\$1,593,599,684	\$1,584,006,497	\$1,550,762,317	\$1,547,268,754	\$1,540,500,479	\$1,540,732,487	\$1,646,830,046	\$1,565,290,666	\$1,577,560,380	\$1,586,919,769	\$1,690,674,097

INHERITANCE TAXES

The thirteenth general assembly of the Colorado legislature enacted a law in 1901 as a part of the revenue act, providing for the imposition of a tax on transfers of property by inheritance through will or gift or instrument made in contemplation of death, or intended to take effect at or after the death of the maker thereof. This law, which was approved by Governor James B. Orman on April 5, 1901, was declared unconstitutional by the state supreme court. The law was re-enacted, with changes, at an extra session of the legislature and the new act was approved on March 22, 1902. The law of 1921 was re-enacted with a considerable number of changes in 1927 and went into effect July 4, 1927, its rates and requirements applying only to estates of persons dying on or after that date.

The administration of the law is vested in an inheritance tax commissioner appointed by the attorney general, as an assistant attorney general, charged with the special duty of representing him in all matters connected with the administration and enforcement of the provisions of the law. The commissioner holds office at the pleasure of the attorney general.

The law is complicated and cannot be reviewed in detail here. It divides beneficiaries into five classes. Class A includes the father, mother, husband, wife, child, or any lineal de-

scendant. The law allows exemptions of \$20,000 for widows and \$10,000 for all others in this class. The tax amounts to two per cent above the exemptions up to \$50,000 and from four to seven and one-half per cent for amounts above that sum. Class B includes the wife or widow of son, husband or widower of daughter, grandparent, brother, sister and mutually acknowledged child. The exemptions in this class amount to \$2,000 and the tax ranges from three to 10 per cent on amounts above the exemption. Class C includes uncle, aunt, niece, nephew, or lineal descendant of same. There is no exemption in this class, but there is no tax on \$500, or less, and the tax rate ranges from four per cent up to 14 per cent. Class D includes strangers and all others not exempt. There is no exemption and no tax on \$500 or less. The rate for Class D ranges from seven to 16 per cent.

Inheritance taxes go into the general state fund and are a part of the general revenues of the state.

Collections by years ending November 30, as reported by the inheritance tax commissioner, are as follows:

Year	Amount
1921	\$ 500,476.52
1922	512,687.63
1923	703,730.82
1924	864,161.04
1925	911,210.88
1926	876,008.95
1927	674,685.20
1928	869,407.88
1929	938,609.40
1930	1,126,377.20

Taxable and Non-Taxable Property

THE actual value of all property in Colorado, taxable and non-taxable, cannot be determined with any great degree of accuracy, but by using the best figures available from all sources of information a fairly reliable estimate of all wealth may be obtained. This method gives a total value of \$2,855,175,481, of which \$1,586,462,903 is the assessed value of property on the tax rolls of the state in 1930 as reported by the state tax commission, and \$1,268,712,578 represents the estimated value of property in the state which is not assessed for the payment of taxes. The taxable property comprises 55.5 per cent of the total, and the non-taxable property 44.5 per cent. The per capita value, based on the 1930 census, is \$2,756.52, of which \$1,531.64 per capita is for taxable

property and \$1,224.88 for non-taxable property.

The value of these figures lies principally in their indication of the relative position of taxable and non-taxable property, and they are not intended to establish the total wealth of the state. In order to arrive at the total wealth, adjustments would be necessary. Property on the tax rolls, for instance, while theoretically assessed at full value, would have to be revised upward to reflect the real value, as it is safe to assume that the assessed value does not exceed 60 per cent of the actual value. Bank deposits in the state on December 31, 1930, for example, aggregated \$209,991,122, but only \$18,049,516 in bank deposits actually was assessed in 1930. Also, taxes are not collected on all the

property assessed, as the law allows \$200 exemption on the personal property of heads of families. There were 268,531 families in the state in 1930, according to the census and, assuming that all were assessed, the exemption would amount to \$53,706,200.

The department of commerce does attempt to adjust values to determine the total wealth of the country and its figures are given consideration in another chapter in this volume on "Colorado's Total Wealth."

The figures show that almost one-half of all the property in the state is not assessed for taxes through the customary channels for collecting revenue. However, a considerable portion of the non-taxable property does render some return to the state in an indirect manner, such as the national forests and federal mineral lands, portions of the revenue from the same either being spent in the state or remitted direct to the state.

The following table, made up from various sources explained in the text, gives the estimated value of the non-taxable property of the state:

Class of Property	Est. Val.
Federal property:	
Unappropriated land.....\$	12,041,202
Government land filed upon but not patented.....	3,283,569
National forests.....	70,000,000
Reclamation projects.....	11,000,000
Coal lands.....	523,450,000
Indian property.....	3,544,917
Shale land.....	50,840,000
Oil reserves.....	2,189,000
Government buildings.....	24,156,053
National parks and monuments	1,500,000
Power, water and reservoir reserves.....	25,000,000
Total federal.....\$	727,004,741
State and local public property:	
State property.....\$	230,076,103
Municipal property.....	80,000,000
County property.....	8,932,000
Public schools.....	62,147,540
Total public.....\$	381,155,643
Private property:	
Colleges and universities (private)	10,905,738
Churches and rectories...	26,646,456
Hospitals	12,000,000
Cemeteries	2,000,000
Irrigation works.....	90,000,000
County fair associations..	1,000,000
Fraternl organizations...	10,000,000
Charity organizations....	3,000,000
Miscellaneous	5,000,000
Total private.....\$	160,552,194
Total exempt.....\$	1,268,712,578
Taxable (assessed val.)...	1,586,462,903
Grand total all property..	\$2,855,175,481

Unappropriated government land and land filed on but not yet patented are estimated at \$1.50 per acre.

The national forests include 13,330,832 acres. The estimate of value is arrived at by using a flat price of a little more than \$5 per acre. Estimates based on stumpage value of timber sold and capitalization of returns yield approximately the same total. While the national forests are not taxable, they yield considerable revenue to the state, the total expended in 1930 being \$1,108,517. Twenty-five per cent of the gross revenues from the forests goes to the counties in which the forests are located in the form of cash for roads and school purposes, and 10 per cent goes on roads and trails in the forests, while the counties also benefit from road funds appropriated by congress.

The federal reclamation projects and their irrigation works yield no direct return to the state in the form of taxes, but indirectly they increase the taxes on private property coming within the districts by creating a greater taxable value for them. The estimates on these two items are based on their costs, which are more fully reported in another place in this volume under the heading, "United States Reclamation Projects."

The United States geological survey has appraised Colorado coal land at \$100 to \$400 per acre, based on the extent of the deposits and their accessibility to markets, while the state land board appraises coal land at a little more than \$200 an acre. The estimate in the above table is made on a basis of \$100 an acre, giving cognizance to changed conditions resulting from the more widespread use of natural gas and fuel oil, and there is included 2,142,200 acres of withdrawn coal land and 3,092,300 acres of the public domain classified as coal land but not withdrawn from entry.

The value of Indian property, both tribal and individual, is taken from the annual report of the commissioner for Indian affairs for the fiscal year 1927. Oil land reserves are estimated at \$10 per acre and shale land at \$50 per acre, including the withdrawn areas and 952,239 acres classified as shale land but not withdrawn. The government returns to the state 37½ per cent of revenue received in the form of bonuses and royalties from the leasing of these lands.

The federal government buildings

include not only the Denver postoffice, custom house, mint, Fort Logan army post and Fitzsimons general hospital, but postoffices in various towns of the state. Their value is based on cost. In many instances, the sites were donated in whole or in part, and their present true value is in excess of the figure used. This item comprises property valued at \$6,856,053 under the jurisdiction of the treasury department and \$17,300,000 under the army, veterans bureau and other departments, but does not include \$1,860,000 of government-owned property used by the national guard.

The value of state property is that shown by an inventory as of 1930, details of which are available in a table published elsewhere in this volume.

The estimate on municipal property is based on the census of 1913, plus 100 per cent for increase in value in 18 years. When it is recalled that Denver alone had added nearly one-half of the total increase through the purchase of its own water system, the estimate may be considered conservative. The census bureau reported a total value of \$53,389,144 for municipal property owned in 1928 by Denver, Colorado Springs and Pueblo, or two-thirds of the total used in the above estimate.

The value of county property is based on a 100 per cent increase over the 1913 census figures, several of the

counties having built court houses in the interval, which will justify the estimate.

The value of public school property is taken from the report of the state superintendent of public instruction for 1930.

The value given to colleges and universities in the above table includes only the seven privately controlled institutions reporting to the United States bureau of education in 1928 and is for land, buildings and equipment valued at \$5,680,123 and productive funds to the amount of \$5,225,615. Parochial and several other privately controlled institutions are not included in this total.

The state colleges and universities are included in the value of state property. The value of church property and rectories is that given by the census bureau for 1926 plus an average for the 57 churches not reporting.

Property of fraternal organizations includes only those portions not taxed. Buildings owned by Masonic, Elks, Woodmen and other organizations are not taxed except for those portions used for income purposes. Under this heading are included such institutions as the Printers' home and the Woodmen of the World sanitarium at Colorado Springs, Masonic temples, buildings of the Young Men's Christian association, etc.

Mineral Resources

COLORADO occupies a unique position among the states of the Union in the variety and extent of its mineral resources, both metal and non-metal. This is due largely to the extreme irregularity of the state's surface and the wide range of geological formations exposed for examination and development. Approximately 250 useful metallic and non-metallic minerals and compounds have been reported in the state, and undoubtedly numerous others are yet to be found. Up to the present time approximately 30 metals have been produced in commercial quantities, of which gold, silver, copper, lead and zinc are the most important. The range of useful non-metals found in Colorado is almost as wide as that of the metals, but their production has not been so extensive, with the exception of coal, until recent years. Beginning with 1917, the production of minerals other than

gold, silver, copper, lead and zinc has been in excess of the combined output of these five principal metals in value.

Colorado's relative position among the states in the mining industry is indicated by the following table:

Resource	Rank
Coal (reserves).....	1
Molybdenum (value, 1927).....	1
Uranium and vanadium ores (value, 1928)	1
Tungsten ore (value, 1927).....	2
Fluorspar (value, 1925).....	3
Gold (value, 1928).....	4
Lead (tons produced, 1928).....	5
Silver (value, 1928).....	6
Zinc (tons produced, 1928).....	6
Coal (tons produced, 1928).....	9
Coke (tons produced, 1928).....	9
Copper (pounds produced, 1928).....	10
Clay (value, 1928).....	13
Iron ore (tons, 1928).....	14
Lime (value, 1928).....	14
Natural gas (M cu. ft., 1928).....	15
All minerals (value, 1919).....	15
Petroleum (barrels, 1929).....	16
All minerals (value, 1928).....	20
All minerals (value, 1925).....	22

The census reports for 1919 placed Colorado 15th among the states in the value of mineral output, 14th in the number of persons engaged, and 13th in the average number of wage earners employed. The bureau of mines gave the state the 20th place in 1928 in value, Colorado producing 1.24 per cent of all the minerals produced in the United States.

The state's output of minerals, both metal and non-metal, has a total value of between \$60,000,000 and \$65,000,000 a year at the present rate of production. The capital investment is in excess of \$150,000,000 and the number of persons engaged is between 18,000 and 20,000.

The total value of all minerals produced in the state up to the end of 1930 probably is in excess of \$2,815,000,000.

The total figures have never been compiled and are not available. However, authentic figures show that the state had produced \$2,415,563,735 in coal, gold, silver, copper, lead, zinc and petroleum up to the end of that year, an amount \$829,100,832 greater than the assessed value of all property in the state for taxation purposes on October 1, 1930.

The following table shows the total value of the output of the seven principal minerals produced in the state up to the end of 1930, as reported by various agencies:

Coal	\$ 735,121,708
Gold	715,477,000
Silver	518,489,000
Lead	217,175,237
Zinc	155,722,959
Copper	46,256,057
Petroleum	27,321,774
Total	\$2,415,563,735

A table published herewith shows the value of all minerals produced in Colorado by years from 1905 to 1928, inclusive. Production by states was not segregated prior to 1905. The table gives the value each year of the output of gold, silver, copper, lead and zinc, and of all other minerals, with the percentages of the totals. It shows that in 1905 minerals other than the five principal metals yielded only 24.6 per cent of the total value of all mineral production in that year and 72.1 per cent of the total in 1928. On the contrary, the five principal metals supplied 75.4 per cent of the total in 1905 and only 27.9 per cent in 1928. This indicates that while metal mining as a whole declined in the 24-year period, the output of other minerals in-

creased and made up for the decrease. A readjustment in mining, rather than a decrease, is apparent. A chart illustrating these changes is published herewith. It will be noted that there was a distinct upward movement in the five principal metals and other minerals in the war period of 1915-1918, inclusive. This was an abnormal period, in which production values were affected by market prices, and in order to illustrate the effect of one on the other a table of average prices for the period appears below.

There is also published on page 210 a table giving mineral production of the state in 1925-26-27-28, the latest figures in that form available. Duplications are eliminated in this table. An examination of its various items discloses a long list of minerals which are rarely considered in that classification by the public. Clay products, for instance, account for nearly \$3,000,000, natural gas for more than three-quarters of a million dollars, stone for nearly \$1,000,000, and many others of the less widely known minerals—such as fluorspar, lime, manganese ores, molybdenum, tungsten, uranium and vanadium, marble, basalt and sand and gravel—add largely to the total of values taken from the ground in Colorado. While many of these are not reported separately, to avoid disclosing individual operations, their total value is impressive.

Average prices per ounce for silver and per pound for copper, lead and zinc in Colorado in the years 1905 to 1930, inclusive, as reported by the United States bureau of mines, were as follows:

Year	Silver	Copper	Lead	Zinc
1905.....	\$0.61	\$0.156	\$0.047	\$0.059
1906.....	.68	.193	.057	.061
1907.....	.66	.20	.053	.059
1908.....	.53	.132	.042	.047
1909.....	.52	.13	.043	.054
1910.....	.54	.127	.044	.054
1911.....	.53	.125	.045	.057
1912.....	.615	.165	.045	.069
1913.....	.604	.155	.044	.056
1914.....	.553	.133	.039	.051
1915.....	.507	.175	.047	.124
1916.....	.658	.246	.069	.134
1917.....	.824	.273	.086	.102
1918.....	1.00	.247	.071	.091
1919.....	1.12	.186	.053	.073
1920.....	1.09	.184	.08	.081
1921.....	1.00	.129	.045	.05
1922.....	1.00	.135	.055	.057
1923.....	.82	.147	.070	.068
1924.....	.67	.131	.08	.065
1925.....	.694	.142	.087	.076
1926.....	.624	.14	.08	.075
1927.....	.567	.131	.063	.064
1928.....	.585	.144	.058	.061
1929.....	.533	.176	.063	.066
1930.....	.385	.124	.052	.047

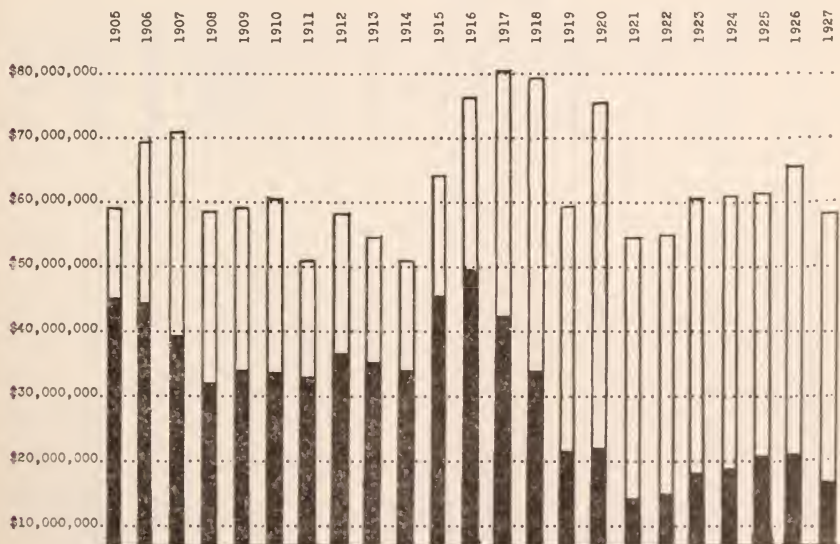
VALUE OF ALL MINERALS PRODUCED IN COLORADO BY YEARS FROM 1905 TO 1928, INCLUSIVE

(Compiled from reports of the U. S. Bureau of Mines)

YEAR	Gold, silver, copper, lead and zinc		All other minerals		Total value all mineral production
	Value	Per ct. of total	Value	Per ct. of total	
1905.....	\$ 44,699,700	75.4	\$ 14,581,244	24.6	\$ 59,280,944
1906.....	43,899,199	62.9	25,935,382	37.1	69,834,581
1907.....	39,466,900	55.5	31,638,228	44.5	71,105,128
1908.....	32,718,573	55.8	25,910,914	44.2	58,629,487
1909.....	33,901,891	57.3	25,238,533	42.7	59,190,424
1910.....	33,671,502	55.8	26,686,213	44.2	60,357,715
1911.....	32,418,218	61.7	20,104,198	38.3	52,522,416
1912.....	37,320,966	64.1	20,846,433	35.9	58,167,399
1913.....	35,450,585	65.3	18,843,696	34.7	54,294,281
1914.....	33,460,126	64.1	18,701,534	35.9	52,161,660
1915.....	46,426,697	72.2	17,868,422	27.8	64,295,119
1916.....	49,200,697	63.3	28,442,081	36.7	77,642,778
1917.....	42,084,668	52.4	38,211,550	47.6	80,296,218
1918.....	34,160,172	43.2	44,843,756	56.8	79,003,928
1919.....	21,679,614	36.1	38,250,665	63.9	59,930,279
1920.....	21,898,974	28.8	54,138,922	71.2	76,037,896
1921.....	14,005,500	26.0	40,039,556	74.0	54,045,056
1922.....	15,301,698	27.9	39,504,579	72.1	54,806,277
1923.....	18,471,590	30.1	42,907,556	69.9	61,379,146
1924.....	18,620,796	30.3	42,867,086	69.7	61,487,882
1925.....	20,851,267	33.0	42,297,692	67.0	63,148,959
1926.....	20,883,968	31.8	44,713,519	68.2	65,597,487
1927.....	16,965,162	28.8	41,890,101	71.2	58,855,263
1928.....	16,375,355	27.9	42,219,333	72.1	58,594,688
Total 24 Years...	\$723,933,818	47.9	\$786,731,193	52.1	\$1,510,665,011

CHART SHOWING THE TREND OF MINERAL PRODUCTION IN COLORADO BY YEARS FROM 1905 TO 1927, INCLUSIVE

Note.—The black columns indicate the value of the gold, silver, copper, lead and zinc output by years, and the lighter columns the total value of all minerals produced.



MINERAL PRODUCTION OF COLORADO IN 1928, 1927, 1926 AND 1925
(U. S. Bureau of Mines)

PRODUCT	1928		1927		1926		1925	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Arsenious oxide.....	115	\$ 9,501	---	---	---	---	---	---
Barite.....	40	340	---	---	---	---	---	---
Cement.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Clay Products.....	---	\$2,998,242	---	\$2,998,486	---	\$3,381,776	---	\$4,126,945
Clay, raw.....	155,075	\$256,548	218,255	\$319,994	199,867	\$254,523	254,521	\$358,687
Coal.....	9,847,707	27,613,000	9,274,075	27,044,000	10,637,225	29,529,000	10,310,551	30,322,000
Coke.....	750,022	(13)	788,586	(13)	790,118	(13)	644,481	(13)
Copper.....	8,594,646	1,237,629	5,670,581	742,846	3,403,850	476,539	2,360,500	355,191
Feldspar (crude).....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Ferro-alloys.....	(13)	(13)	---	---	---	---	(13)	(13)
Fluorspar.....	1,815	18,040	6,432	(1)	10,440	(1)	11,776	153,707
Fuller's earth.....	(1)	(1)	---	---	---	---	---	---
Gems and precious stones.....	---	(4)	---	(4)	---	(4)	---	(4)
Gold.....	256,623	5,304,876	255,377	5,279,118	342,400	7,078,033	349,607	7,227,022
Gypsum.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Iron ore.....	52,713	(1)	32,206	(1)	35,535	(1)	8,642	(1)
Iron, pig.....	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)
Lead.....	26,751	3,103,100	33,386	4,206,671	34,494	5,519,024	31,483	5,478,042
Lime.....	8,114	88,775	11,900	125,875	12,470	127,975	(1)	(1)
Manganese ore.....	---	---	(1)	(1)	---	---	743	5,127
Manganiferous ore:								
For fluxing.....	48	(1)	1,029	(1)	6,656	9,208	11,366	16,749
For other purposes.....	18,599	99,823	26,828	126,935	2,925	(1)	7,352	26,565

METALS

The principal metals produced in Colorado, in point of value, are gold, silver, copper, lead and zinc. The total value of the output of these five metals from the beginning of the industry in the state down to the close of 1930 was \$1,653,121,568. This total includes the preliminary figures for 1930 as reported by C. W. Henderson, of the United States bureau of mines, which are not included in permanent tables published elsewhere in this volume on account of their being subject to revision. The 1930 preliminary figures are as follows:

	Quantity	Value
Gold		\$ 4,516,196
Silver, ounces.....	4,290,587	1,651,876
Copper, pounds....	9,787,000	1,213,588
Lead, pounds.....	44,646,000	2,321,592
Zinc, pounds.....	72,903,000	3,426,441
Total		\$13,129,693

The advance figures for 1930, by counties, are given in detail in a table accompanying this chapter.

The number of mines producing in the years named are as follows:

Year	Lode	Placer	Total
1917	715	33	748
1918	576	12	588
1919	453	11	464
1920	405	11	416
1921	367	15	382
1922	460	20	480
1923	400	17	417
1924	340	13	358
1925	412	30	442
1926	387	31	418
1927	330	19	349
1928	336	23	359
1929	290	13	303

Gold was first mined in Colorado in 1858 and the production of silver began shortly thereafter. Copper has been produced steadily since 1868 and lead since 1869. The first zinc was produced in 1885. Metal mining is the state's oldest industry.

While Colorado's distinction as a mining state was built up principally on the production of these five metals, it has in recent years achieved a pre-eminent position in the production of other metals. The world's largest molybdenum mine is located at Climax, in Lake county, operated by the Climax-Molybdenum company, and in 1929 treated 408,000 tons of ore. Competent authorities estimate the output of this property at 85 per cent of the world's entire supply. A similar distinction is given to a property at Rifle, in Garfield county, where the United State Vanadium corporation operates the largest vanadium mine in the world. This property is credited with

an output four times greater than the entire production of the mines of Peru in 1928, which in former years were the source of the world's principal supply of vanadium. A third mine credited with being in the same class as these two, though its output is included with the state's five principal metals, is the property of the Empire Zinc company, located at Gilman, in Eagle county, said to be one of the largest zinc mines in the world.

Gold leads the five principal metals in the value of total output, the production to the end of 1930 being valued at more than \$715,477,000. In 1928 Colorado ranked fourth in gold production, being exceeded by Alaska, California and South Dakota. Colorado held first place for many years, but this position was surrendered to California in 1916. In the 70-year period ending with 1927 in which Colorado has produced gold, its output was equal to 15.8 per cent of all the gold produced in the United States between 1792 and 1927, inclusive, a period of 136 years.

Silver production in Colorado from the beginning of the industry to the end of 1930 was in excess of \$518,489,000. The state ranks sixth among the states in annual output, being exceeded in 1928 only by Arizona, Idaho, Montana, Nevada and Utah. In that year Colorado produced 7.5 per cent of the country's output, which compares with 6.5 per cent in 1927, 8.0 per cent in 1926 and 6.8 per cent in 1925.

The value of the copper output of the state in 1868 was only \$11,500. The peak was reached in 1917, when the output was \$2,217,307. Total value of the output to the end of 1930 was \$46,256,057. In 1925 the output reached the lowest point in 36 years, but in 1926 it began to increase and in 1929 the production was more than four times greater than in 1925. Nine states exceed Colorado in copper production.

In 1924 lead took second place in annual output, being ahead of silver and next to gold. It retained that place in 1925 and 1926, but in 1927 it yielded second place to zinc. The aggregate production of lead to the end of 1930 was \$217,175,237, this giving it third place among the five principal metals. Colorado is one of the five largest lead producing states, its output being exceeded only by Idaho, Missouri, Oklahoma and Utah.

Zinc production in quantity has increased steadily since 1921, except in 1929, when there was a slight setback. The aggregate value of output from 1885, when commercial production began, to the end of 1930, was \$155,722,959. The value of the 1885 output was only \$4,300. In 1927 it took second place in value among the five principal minerals, being next to gold, and maintained that relative position in 1930.

While the five metals named above furnish the largest portion of the metal output, almost every useful metal found in the United States exists here. Tungsten has been produced commercially when market conditions warranted since 1904, and the state ranked third in 1925 in quantity and value of output. Uranium, vanadium and radium have been produced since 1906, and the state ranks first in the output of vanadium. At this time it is producing about 85 per cent of the world's supply of molybdenum. There are 92 known deposits of manganese ores in the state which have been examined and reported upon by the United States geological survey.

The peak production of gold, silver, copper, lead and zinc in the state was reached in 1900, when the total value of the output was \$50,614,424. There was a downward tendency in the output until the bottom was reached in 1921, with a total output for the year of \$14,005,500. Since then there has been a gradual increase, although 1928, 1929 and 1930 fell below the totals of the four preceding years. The recovery appears to be of a permanent nature and mining is undergoing a revival. This is credited principally to the proven success of newly discovered processes for the treatment of low grade complex or rebellious ores.

The production of metals in Colorado is confined largely to the mountainous counties in the central and western parts of the state. The metals occur usually in compound ores found in well-defined veins or lodes. Free gold is the principal output of the placer mines, and Summit county has led all other counties in the state for 50 years in the output of its placer mines. There is a wide variety in the gold ores found in Colorado. Among the compound ores from which gold is obtained are amalgam calaverite, petzite and sylvanite.

Zinc is the predominant metal in

many of the ores which carry gold. The principal compound ores carrying zinc are aurichalcite, calamine, chalcophanite, hetaerolite, hydrozincite, nicholsonite, smithsonite and sphalerite.

Silver is found very commonly associated with both zinc and gold as well as with lead. The principal compound ores in which silver is found are acanthite, amalgam, calaverite, cosalite, galena, massicot, mimehessite, krennerite, pearceite, petzite, polybasite, proustite, pyrrargyrite, stephenite, stromeyerite and sylvanite.

Lead is perhaps more widely distributed than any other metal found in the state, and is often associated with both gold and silver. The principal compound ores from which lead is produced are altaite, anglesite, cerussite, cosalite, galena, massicot, mimetite, minium, plumbogarsite and pyromorphite.

Copper is very widely distributed, but usually occurs in comparatively small quantities. The principal compound ores containing copper are azurite, bornite, brochantite, chalcantite, chalcocite, chalcopyrite, chrysocolla, covellite, cuprite, enargite, malachite, melaconite, stromeyerite, tenantite and tetrahedrite.

Of the total values of gold, silver, copper, lead and zinc reported by the United States bureau of mines up to the end of 1929, as shown on pages 214-215 of this volume, the largest total came from Lake county, which furnished more than one-fourth of the total for the state. Silver was the dominant metal in the development of the mines of that county, with zinc, lead, gold and copper following in that order.

Teller county ranked second in the development of the metal mining industry during that period, its production having been \$348,076,920 in the period from 1891 to 1929. Gold was almost exclusively responsible for the county's position, silver values totaling only \$1,232,702 and the values of other metals being negligible. San Miguel county ranked third, Pitkin county fourth and Gilpin county fifth in the value of the five metals taken from the mines up to the end of 1929.

Of the state's total values produced to that time, gold led in importance, accounting for nearly half the total. Silver, valued at nearly \$517,000,000, was second, with lead, zinc and copper following in the order named.

MINE PRODUCTION OF GOLD, SILVER, COPPER, LEAD AND ZINC IN COLORADO BY YEARS—1858-1929
(U. S. Bureau of Mines)

YEAR	GOLD		SILVER		COPPER		LEAD		ZINC		Total Value
	Total Value		Fine Ounces	Value	Pounds	Value	Pounds	Value	Pounds	Value	
1858-67	\$ 25,021,784		302,829	\$ 406,139	---	---	---	---	---	---	\$ 25,427,923
1868	2,180,000		200,716	266,150	50,000	11,500	---	---	---	---	2,287,650
1869	3,100,000		475,472	630,000	102,000	24,735	150,000	9,000	---	---	3,843,735
1870	3,015,000		496,988	660,000	182,500	38,654	250,000	15,000	---	---	3,728,654
1871	3,683,951		776,648	1,029,059	183,000	44,140	555,000	33,300	---	---	4,740,450
1872	2,646,463		1,524,206	2,015,000	204,000	72,542	1,150,000	73,600	---	---	4,807,605
1873	2,018,931		1,543,047	2,001,331	379,493	106,268	1,236,400	74,184	---	---	4,200,704
1874	2,162,487		2,348,174	3,000,966	475,541	104,619	1,277,933	76,676	---	---	5,334,748
1875	2,224,568		2,330,291	2,889,560	280,815	63,745	1,636,000	94,888	---	---	5,272,761
1876	2,796,311		2,564,403	2,974,707	333,333	70,000	1,334,020	81,375	---	---	5,852,393
1877	3,148,708		2,882,121	3,458,536	493,664	93,796	4,286,354	235,750	---	---	6,936,800
1878	3,240,348		4,672,961	5,373,994	596,105	89,000	13,722,222	494,000	---	---	9,197,252
1879	3,193,500		11,839,336	13,327,237	704,301	131,000	47,348,000	1,941,268	---	---	18,593,025
1880	3,252,514		14,397,539	16,557,170	869,000	133,826	71,348,000	3,567,400	---	---	23,560,910
1881	3,300,000		13,272,188	14,997,572	884,000	160,888	81,094,000	3,892,512	---	---	22,350,972
1882	3,360,000		12,761,719	14,548,359	1,494,000	285,384	110,000,000	5,383,713	---	---	23,583,713
1883	4,100,000		13,434,610	14,912,417	1,152,652	190,188	141,114,000	6,087,902	---	---	25,270,507
1884	4,300,000		12,375,000	13,736,251	2,013,125	261,706	123,330,000	4,674,209	---	---	27,972,166
1885	4,203,425		12,220,982	13,076,451	1,146,460	123,813	106,692,000	4,160,989	100,000	\$ 4,300	21,568,983
1886	4,450,000		12,375,000	12,251,250	1,146,460	127,257	113,000,000	5,428,000	100,000	4,400	22,260,907
1887	4,000,000		11,601,563	11,369,534	2,012,027	277,660	126,000,000	5,670,000	100,000	4,600	21,321,794
1888	3,758,099		14,695,313	13,813,596	1,621,100	272,345	128,404,000	5,649,777	300,000	14,700	23,608,617
1889	3,883,859		18,375,136	17,272,629	1,170,053	167,956	133,940,000	5,223,660	300,000	15,000	26,563,104
1890	4,151,132		18,800,000	19,740,000	3,585,691	559,368	109,192,000	4,913,639	300,000	16,500	29,380,639
1891	4,600,000		21,160,000	20,948,401	6,336,878	811,121	126,256,000	5,429,009	300,000	15,000	31,803,531
1892	5,300,000		24,000,000	20,880,000	7,593,674	880,866	120,000,000	4,800,001	1,125,000	51,750	31,912,617
1893	7,527,000		25,838,600	20,154,107	7,695,826	831,149	110,000,000	4,070,000	1,650,000	66,000	32,648,256
1894	9,491,514		23,281,398	14,667,231	6,481,413	615,734	101,226,000	3,340,458	1,500,000	52,500	28,167,487
1895	13,305,100		23,398,500	15,209,024	6,079,243	650,479	93,968,000	3,006,975	1,671,000	60,156	32,231,735
1896	14,911,000		22,573,000	15,349,642	6,022,176	650,395	89,606,000	2,688,178	1,292,000	50,388	33,649,603
1897	19,579,433		21,278,202	12,766,919	9,149,967	1,097,995	80,794,286	2,908,592	2,683,989	110,044	36,462,983
1898	23,534,632		23,502,601	13,866,532	10,870,701	1,347,965	113,416,138	3,900,656	3,900,656	179,430	43,235,272
1899	26,508,675		23,114,688	13,868,811	7,356,970	1,258,041	138,048,446	6,212,178	11,300,656	655,438	48,503,143
1900	28,762,036		20,336,512	12,608,637	7,826,815	1,299,251	164,274,762	7,228,090	16,282,055	716,410	50,614,424

1901	27,679,443	18,492,563	11,095,538	7,872,529	1,314,712	148,111,020	6,368,772	26,843,731	1,100,593	47,559,058
1902	28,516,914	15,941,523	8,449,438	8,463,938	1,132,601	106,296,827	5,358,169	52,582,510	2,523,962	44,930,655
1903	21,605,357	13,245,438	7,152,636	7,809,920	1,069,968	101,513,414	4,263,566	80,616,000	4,353,263	38,444,680
1904	24,242,485	12,960,792	7,517,260	9,412,707	1,204,828	107,498,854	4,622,453	66,771,590	3,405,353	40,992,378
1905	25,295,222	12,339,435	7,267,056	9,661,546	1,507,201	115,746,777	5,440,098	85,561,396	4,930,122	44,699,700
1906	22,905,671	12,339,052	8,390,553	6,618,332	1,277,338	106,646,506	6,078,850	86,012,903	5,246,787	43,899,199
1907	20,307,648	11,509,514	7,655,679	8,826,254	1,765,261	89,065,232	4,720,457	85,048,564	5,017,865	39,466,900
1908	22,595,571	9,002,316	4,771,227	10,201,123	1,346,507	61,645,571	2,589,118	30,130,002	1,416,110	32,778,573
1909	21,984,008	8,904,701	4,680,444	10,916,191	1,419,106	72,462,326	3,102,980	51,210,260	2,765,354	33,901,891
1910	20,505,614	8,508,342	4,594,829	8,359,307	1,061,632	76,068,775	3,346,586	77,089,648	4,162,841	33,671,502
1911	19,001,975	7,330,168	3,884,989	8,024,488	1,003,061	69,679,289	3,135,568	94,607,456	5,392,625	32,418,218
1912	18,588,562	8,212,070	5,050,423	7,107,303	1,172,705	75,242,257	3,385,902	132,222,812	9,123,374	37,320,966
1913	18,146,916	9,325,255	5,832,454	7,227,826	1,120,318	87,897,773	3,867,502	119,346,429	6,683,400	35,450,585
1914	19,853,106	8,796,065	4,364,224	6,639,173	883,010	74,211,898	2,894,264	96,774,960	4,935,523	33,460,136
1915	22,414,944	7,027,572	3,563,182	7,112,537	1,244,694	68,810,597	3,234,098	104,594,994	12,969,779	43,426,697
1916	19,153,821	7,656,544	5,038,006	8,624,081	2,121,524	70,914,087	4,893,072	134,285,463	17,994,252	49,200,675
1917	16,729,224	7,394,353	6,018,787	8,422,004	2,217,307	67,990,012	5,847,141	120,315,775	12,272,209	42,084,668
1918	12,751,718	7,063,554	7,063,554	6,277,332	1,550,501	65,960,760	4,683,214	89,133,901	8,111,185	34,160,172
1919	9,886,627	5,758,010	6,448,971	3,560,207	662,198	37,070,241	1,964,722	37,220,493	2,717,096	21,679,614
1920	7,576,319	5,409,335	5,896,175	4,043,734	744,047	46,629,788	3,730,383	48,790,742	3,952,050	21,898,974
1921	6,835,328	5,631,657	5,631,657	4,153,442	535,794	19,660,466	884,721	2,360,000	118,000	14,005,500
1922	6,373,419	5,855,911	5,855,911	3,373,454	455,414	23,477,200	1,291,246	23,258,000	1,325,706	15,301,698
1923	6,591,629	5,334,488	4,374,280	4,248,109	624,472	45,698,185	3,198,873	54,152,000	3,682,336	18,471,590
1924	8,593,116	3,254,370	2,180,428	2,713,219	355,432	47,557,051	3,804,565	56,727,000	3,687,255	18,620,796
1925	7,227,022	4,506,940	3,127,816	2,360,500	335,191	62,966,000	5,478,042	61,621,000	4,683,196	20,851,267
1926	7,078,033	4,704,122	2,935,572	3,403,850	746,539	68,987,800	5,519,024	65,000,000	4,875,000	20,833,968
1927	7,794,118	3,784,605	2,145,871	5,670,581	742,816	66,772,557	4,206,571	71,729,000	4,590,556	16,365,192
1928	5,504,876	4,052,253	2,370,568	8,594,646	1,237,629	53,501,723	3,103,100	71,462,000	4,859,182	16,375,366
1929	4,417,358	4,397,377	2,343,802	8,505,074	1,567,293	48,889,506	3,080,064	55,561,000	3,884,826	15,293,343
Totals	\$710,961,413	653,549,067	\$516,837,803	294,726,420	\$45,042,469	4,549,312,583	\$214,853,645	2,125,234,085	\$152,296,518	\$1,639,991,875

Note—1930 figures, shown in the text, are preliminary and subject to revision, so are not included here.

TOTAL PRODUCTION OF GOLD, SILVER, COPPER, LEAD AND ZINC IN COLORADO BY COUNTIES TO THE END OF 1929

Period	County	GOLD		SILVER		COPPER		LEAD		ZINC		Total Gold, Silver, Copper, Lead and Zinc Value
		Value		Fine Ounces	Value	Pounds	Value	Pounds	Value	Pounds	Value	
1922-1929	Adams	\$ 19,345		141	\$ 86							\$ 19,431
1928-	Alamosa	11										11
1858-1925	Arapahoe	8,147		101	64							8,211
1897-1904	Archuleta	1,489		505	302							1,791
1900-1917	Baca	292		356	226	21,511	\$ 4,441					4,959
1859-1929	Boulder	16,366,184		8,228,704	7,714,051	978,655	150,014	7,210,063	\$ 399,251			24,629,500
1859-1929	Chaffee	7,415,199		5,243,427	4,248,231	9,665,462	1,730,124	131,022,764	5,787,852	28,865,705	\$ 2,511,825	21,693,231
1859-1929	Clear Creek	22,919,021		58,684,055	52,913,315	12,034,161	1,944,922	180,904,719	8,308,572	31,489,221	2,286,764	88,372,594
1861-1906	Conejos	38,445		55,823	33,278	4,815	797	3,400	149			72,669
1875-1929	Costilla	43,569		2,726	1,598	1,827	239	50,048	1,802			47,208
1872-1929	Custer	2,189,664		4,578,537	4,570,122	567,125	106,940	39,715,009	1,997,817	217,227	14,787	8,879,330
1894-1910	Delta	4,273		306	176							4,449
1929-	Denver	115										115
1879-1929	Dolores	2,028,030		12,614,019	9,743,927	7,755,339	1,375,456	71,049,285	3,907,205	44,688,116	2,972,635	20,027,253
1858-1928	Douglas	4,981		161	128							5,109
1879-1929	Eagle	3,154,521		9,308,421	7,513,351	11,772,373	1,841,495	102,642,592	5,021,994	219,000,129	18,292,418	35,823,779
1926-	Elbert	148										148
1913-1914	El Paso					13,276	2,000					2,000
1881-1928	Fremont	81,186		92,319	85,742	667,955	120,562	691,477	29,243	1,494,769	108,255	81,424,988
1885-1927	Garfield	16,935		722	437	1,044	153	10,142	639			18,164
1859-1929	Gilpin	84,490,432		10,646,815	8,623,149	25,598,587	4,198,194	36,419,980	1,627,327	398,113	32,159	98,971,261
1896-1925	Grand	13,186		4,656	3,538	5,171	805	4,345	248			17,777
1861-1929	Gunnison	2,280,553		5,606,535	5,013,893	1,031,565	187,511	49,526,169	2,472,712	25,987,150	2,147,005	12,101,674
1875-1929	Hinsdale	1,459,279		5,736,350	4,645,172	2,906,838	409,419	98,296,199	4,073,481	1,283,634	70,273	10,657,624
1875-1907	Huerfano	3,474		1,176	698	92	11	1,067	38			4,221

1858-1928	Jefferson	62,396	7,058	4,631	20,695	3,347	10,863	398	---	---	70,772
1859-1929	Lake	53,703,794	233,793,208	191,488,062	101,324,281	14,510,863	2,001,650,847	91,027,737	1,354,014,034	93,341,544	444,072,000
1925-1929	La Plata	217,442	141,724	81,020	97	14	136,000	8,301	---	---	306,777
1878-1924	La Plata-	3,612,156	1,766,360	1,137,638	278,979	45,087	260,093	12,185	---	---	4,807,066
1895-1917	Montezuma	24,304	2,502	1,735	235,328	38,647	---	---	30,722	1,659	66,345
1887-1899	Larimer-	2,094	20	15	---	---	---	---	---	---	2,109
1887-1899	Jackson-	---	---	---	---	---	---	---	---	---	---
1885-1928	Las Animas	5,040	5,041	3,033	37,375	5,512	20	1	---	---	13,586
1889-1929	Mesa	2,729,281	47,133,897	30,779,826	275,088	44,187	199,393,849	8,866,027	27,662,407	1,518,005	43,937,326
1924-1929	Mineral	1,112	75	40	17,000	2,992	---	---	---	---	4,144
1929-	Moffat	151	---	---	---	---	---	---	---	---	151
1878-1929	Montezuma	48,357	212,958	137,345	532,592	93,899	64	3	---	---	279,604
1878-1929	Montrose	35,901,760	42,196,870	32,536,234	23,530,530	3,393,317	163,994,498	7,289,075	1,500,650	122,736	79,243,122
1859-1929	Ouray	11,166,456	7,016,793	6,949,962	2,100,788	395,530	41,767,825	1,871,896	2,993,532	196,964	20,580,808
1880-1929	Park	578,035	98,581,024	73,951,205	1,128,463	197,443	578,808,279	26,766,984	19,127,002	1,222,195	102,715,862
1894-1901	Pitkin	793	90	55	210	35	---	---	---	---	883
1870-1929	Pueblo	2,890,497	183,843	174,473	129,397	20,807	108,347	6,058	---	---	3,091,835
1866-1922	Rio Grande	388,865	28,941	19,696	78,570	16,704	139,536	5,205	---	---	430,470
1880-1929	Routt-Moffat	338,251	4,795,103	3,250,277	12,668,054	1,904,949	31,717,256	1,944,960	3,035,548	215,762	7,654,199
1873-1929	Saguache	24,734,350	33,444,603	23,358,399	69,150,513	9,203,011	426,258,495	23,821,344	185,710,684	13,174,335	93,791,439
1875-1929	San Juan	65,384,837	47,657,578	24,715,681	18,017,470	2,925,119	221,688,902	12,365,760	19,545,182	1,418,619	116,810,016
1859-1929	San Miguel	19,780,092	13,879,915	11,903,149	1,174,743	167,867	165,829,838	7,739,332	158,191,160	12,648,578	52,239,018
1891-1929	Summit	346,844,086	1,899,392	1,232,702	451	83	612	49	---	---	348,076,920
1888-	Teller	8,785	1,214	1,141	---	---	---	---	---	---	9,926
1888-	Miscellaneous	---	---	---	---	---	---	---	---	---	---
Totals	-----	\$710,961,413	653,549,067	\$516,837,803	294,726,420	\$45,042,496	4,549,312,583	\$214,853,645	2,125,234,985	\$152,296,518	\$1,639,991,875

MINE PRODUCTION OF GOLD, SILVER, COPPER, LEAD AND ZINC IN COLORADO IN 1929, BY COUNTIES
(In terms of recovered or recoverable metals)
(Final figures by Chas. W. Henderson, of the United States Bureau of Mines, Department of Commerce)

COUNTY	Mines Prod.		ORE**	GOLD§§		SILVER§§		COPPER		LEAD		ZINC		Total Value
	Placer	Total		Short Tons	Value	Fine Ounces	Value	Pounds	Value	Pounds	Value	Pounds	Value	
Adams-----	2	--	2	\$	4,073	28	\$	15	---	---	---	---	---	\$ 4,088
Boulder-----	--	32	32	6,176	33,528	7,852	4,185	---	---	35,921	2,263	---	---	39,976
Chaffee-----	1	4	5	191	369	1,366	728	6,597	1,161	54,778	3,451	---	---	5,709
Clear Creek-----	41	41	55,975	93,013	168,850	89,997	89,997	41,472	7,299	526,397	33,163	56,000	\$	3,696
Costilla-----	--	1	1	17	101	11	6	---	---	---	---	---	---	107
Custer-----	--	6	68	---	---	1,835	978	---	---	22,826	1,438	---	---	2,416
Denver-----	1	--	115	---	---	---	---	---	---	---	---	---	---	115
Dolores-----	--	9	9	33,100	12,866	272,985	145,501	327,250	57,596	7,060,047	444,783	5,906,000	389,730	1,050,476
Eagle-----	1	1	2	54,627	71,995	917,171	488,852	3,139,000	552,464	395,000	24,885	840,000	55,440	1,193,636
Gilpin-----	2	18	20	57,541	109,289	28,912	15,410	108,420	19,082	120,304	7,617	200,000	13,200	151,398
Gunnison-----	--	11	11	2,094	8,196	12,405	6,612	12,761	2,246	164,921	10,390	40,644	---	40,644
Hinsdale-----	--	4	4	3,080	715	3,165	1,687	2,722	479	92,906	5,853	42,000	2,772	11,506
Lake-----	33	33	125,014	138,031	394,270	210,146	210,146	317,096	55,809	10,343,286	651,627	26,828,000	1,770,648	2,826,261
La Plata-----	7	7	7	19,950	116,360	83,107	44,296	---	---	71,000	4,473	---	---	165,129
Mineral-----	7	7	7	5,436	2,517	612,497	326,461	---	---	271,000	17,073	---	---	346,051
Moffat-----	1	1	2	51	116	75	40	17,000	2,992	---	---	---	---	3,148
Montezuma-----	--	1	1	20	151	---	---	---	---	---	---	---	---	151
Ouray-----	--	13	13	7,514	368,598	20,683	11,024	53,171	9,358	102,824	6,478	---	---	395,458
Park-----	--	8	8	3,791	206,797	8,953	4,772	1,693	298	148,206	9,337	---	---	221,204
Pitkin-----	--	7	7	11,399	62	98,880	52,703	---	---	1,420,826	89,512	202,000	13,332	155,609
Rio Grande-----	--	2	2	4,440	33,782	6,058	3,229	5,392	949	55,237	3,480	---	---	41,440
Saguache-----	--	7	7	118,694	21,043	722,319	384,996	2,667,000	469,392	5,806,000	365,778	---	---	1,241,209
San Juan-----	--	13	13	346,866	431,404	871,544	464,533	2,157,000	379,632	19,012,224	1,197,770	22,858,000	1,508,628	3,981,967
San Miguel-----	--	10	10	17,951	75,207	127,653	65,039	35,267	6,207	2,448,317	154,244	---	---	303,697
Summit-----	5	13	18	9,608	48,996	27,514	14,665	13,233	2,329	737,286	46,449	1,930,000	127,380	239,819
Teller-----	--	41	41	288,590	2,640,084	9,244	4,927	---	---	---	---	---	---	2,644,961
Total, 1929-----	13	230	303	1,172,193	\$4,417,358	4,397,377	\$2,343,802	8,905,074	\$1,567,293	48,889,906	\$3,080,064	58,861,000	\$3,884,826	*\$15,293,343
Total, 1928-----	23	336	359	1,426,084	5,304,876	4,062,253	2,370,568	8,594,646	1,237,629	53,501,723	3,103,100	71,462,000	4,359,182	\$16,375,355

**Tonnage of lode mines only. §§Includes placer production as follows: 1928, \$61,406 in gold, 728 ounces of silver; 1929, \$45,850 in gold, 548 ounces of silver. *Average value of metals: Gold, \$20.671835 per ounce; silver, \$0.533 per ounce; copper, \$0.176 per pound; lead, \$0.063 per pound; zinc, \$0.066 per pound. \$Average value of metals: Gold, \$20.671835 per ounce; silver, \$0.585 per ounce; copper, \$0.144 per pound; lead, \$0.058 per pound; zinc, \$0.061 per pound.

GOLD, SILVER, COPPER, LEAD AND ZINC MINED IN COLORADO IN 1930*, BY COUNTIES
(In terms of recovered or recoverable metals)
(Preliminary figures by Chas. W. Henderson, United States Bureau of Mines, Department of Commerce)

COUNTY	GOLD†		SILVER†		COPPER		LEAD		ZINC		Total Value
	Value	Fine Ounces	Value	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	
Adams-----	\$ 5,251	17	\$ 6	---	---	---	---	---	---	---	\$ 5,257
Boulder-----	16,103	4,473	1,722	---	---	---	11,000	---	---	---	18,397
Chaffee-----	269	1,290	497	---	---	---	44,000	---	---	---	2,288
Clear Creek---	106,191	36,350	13,995	24,000	\$ 2,976	143,000	7,436	20,000	\$ 940	---	3,054
Dolores-----	7,938	64,111	24,683	200,000	24,800	1,046,000	54,392	977,000	45,919	---	131,538
Eagle-----	115,266	1,541,706	593,557	5,310,000	658,440	7,735,000	402,220	28,410,000	1,335,270	---	157,732
Garfield-----	---	33	13	---	---	---	16,000	---	---	---	3,104,753
Gilpin-----	127,483	18,685	7,194	69,000	8,556	57,000	2,964	---	---	---	845
Gunnison-----	18,419	2,412	329	---	---	---	76,000	---	---	---	146,197
Hinsdale-----	145	127	49	---	---	---	3,952	206,000	9,682	---	32,982
Lake-----	79,339	616,783	237,461	264,000	31,496	12,718,000	988	---	---	---	1,182
La Plata-----	5,891	2,737	1,054	---	---	---	19,000	---	---	---	1,086,264
Mineral-----	2,667	404,767	155,835	---	---	---	---	---	---	---	2,095,896
Montezuma-----	1,612	25	10	---	---	---	---	---	---	---	6,945
Montrose-----	41	---	---	---	---	---	---	---	---	---	165,730
Ouray-----	148,320	21,219	8,169	24,000	2,976	163,000	7,228	---	---	---	1,622
Park-----	494,305	11,736	4,518	7,000	868	304,000	8,476	---	---	---	41
Pitkin-----	83	56,207	21,640	---	---	---	15,808	---	---	---	167,941
Rio Grande-----	7,970	239	92	---	---	---	38,532	47,000	2,209	---	515,499
Saguache-----	10,439	328,040	126,295	1,200,000	148,800	2,238,000	---	---	---	---	62,464
San Juan-----	655,357	1,085,611	417,960	2,668,000	330,832	17,632,000	116,376	---	---	---	8,071
San Miguel-----	35,018	81,827	31,593	31,000	3,844	1,512,000	916,864	20,131,000	946,157	---	401,910
Summit-----	148,403	3,345	1,288	---	---	---	78,624	---	---	---	3,270,170
Teller-----	2,526,677	8,847	3,406	---	---	---	2,704	---	---	---	148,980
Total, 1930-----	\$4,516,196	4,290,587	\$1,651,876	9,787,000	\$1,213,588	44,646,000	\$2,321,592	---	---	---	152,395
Total, 1929-----	4,417,358	4,397,377	2,343,892	8,995,074	1,567,293	45,889,996	3,080,064	---	---	---	2,530,083
Increase or decrease from 1929---	+98,838	-106,790	-691,926	+881,926	-353,705	-4,243,996	-\$758,472	---	---	---	\$3,426,441
											\$15,293,343
											-\$458,385

*Actual 11 months' figures, with estimate for December. †Includes placer production. ‡Average value of metals: Gold, \$20.671855 per ounce; silver, \$0.885 per ounce; copper, \$0.124 per pound; lead, \$0.052 per pound; zinc, \$0.047 per pound. §Average value of metals: Gold, \$20.671835 per ounce; silver, \$0.533 per ounce; copper, \$0.176 per pound; lead, \$0.063 per pound; zinc, \$0.066 per pound.

PRINCIPAL METALS

The following tabulation gives the principal metals found in Colorado and the counties in which they occur:

Aluminum (alunite, bauxite, cryolite)—Chaffee, Conejos, Custer, El Paso, Fremont, Gunnison, Hinsdale, Lake, Mineral, Ouray, Rio Grande, Saguache.

Antimony (bournonite, polybasite, stibnite)—Boulder, Clear Creek, Dolores, Grand, Gunnison, Ouray, Pitkin, San Juan, San Miguel, Teller.

Arsenic (arsenopyrite)—Gilpin, Gunnison, Pitkin, San Juan, San Miguel.

Barium (barite)—Boulder, Mineral, Pitkin, San Miguel.

Bismuth (beegerite, bismuthinite, bismutite, cosalite, tetradyomite)—Boulder, Chaffee, Fremont, Grand, Gunnison, Jefferson, Lake, La Plata, Larimer, Montezuma, Ouray, Park, San Miguel.

Cadmium (greenockite)—Lake.

Cerium (allanite, gadolinite, monazite)—Boulder, Chaffee, Costilla, Douglas, Routt, Washington.

Cobalt (erythrite, smaltite)—Gunnison.

Copper—Archuleta, Baca, Boulder, Chaffee, Clear Creek, Conejos, Custer, Dolores, Eagle, Fremont, Garfield, Gilpin, Grand, Gunnison, Hinsdale, Huerfano, Jackson, Jefferson, Lake, La Plata, Larimer, Mesa, Mineral, Moffat, Montezuma, Montrose, Ouray, Park, Pitkin, Rio Grande, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

Gold—Archuleta, Boulder, Chaffee, Clear Creek, Conejos, Costilla, Custer, Dolores, Douglas, Eagle, Fremont, Garfield, Gilpin, Grand, Gunnison, Hinsdale, Huerfano, Jackson, Jefferson, Lake, La Plata, Mineral, Moffat, Montezuma, Montrose, Ouray, Park, Pitkin, Rio Grande, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

Iron (brown iron ore, hematite, magnetite, marcasite, pyrite, pyrrhotite, siderite)—Chaffee, Costilla, Dolores, Fremont, Gunnison, Hinsdale, Jefferson, Lake, Ouray, Pitkin, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

Pyrite is found in nearly every metal producing county in the state.

Lead—Archuleta, Boulder, Chaffee, Clear Creek, Custer, Dolores, Eagle, Fremont, Gilpin, Gunnison, Hinsdale, Lake, La Plata, Mineral, Montezuma, Ouray, Park, Pitkin, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

Lithium (amblygonite)—Fremont.

Manganese (alabandite, chalcophanite, psilomelane, pyrolusite, rhodochrosite)—Boulder, Chaffee, Custer, Dolores, Eagle, Gunnison, Hinsdale, Lake, Park, Saguache, San Juan, Summit.

Mercury (amalgam, cinnabar, quicksilver)—Boulder, La Plata.

Molybdenum (molybdenite)—Boulder, Chaffee, Clear Creek, Grand, Gunnison, Lake, San Juan, Summit, Teller.

Nickel (annabergite, nicolite)—Custer, Fremont, Gunnison.

Platinum—Clear Creek, Chaffee, Gunnison, Pitkin, Saguache, San Miguel.

Radium, Uranium, Vanadium (carnotite, pitchblende, volborthite)—Clear Creek, Custer, Dolores, Eagle, Garfield, Huerfano, Jefferson, La Plata, Mesa, Moffat, Montrose, Park, Rio Blanco, San Miguel.

Silver—Archuleta, Baca, Boulder, Chaffee, Clear Creek, Conejos, Costilla, Custer, Dolores, Douglas, Eagle, Fremont; Garfield, Gilpin, Grand, Gunnison, Hinsdale, Jackson, Lake, La Plata, Mineral, Moffat, Montezuma, Montrose, Ouray, Park, Pitkin, Rio Grande, Routt, Saguache, San Juan, San Miguel, Summit, Teller.

Tantalum (columbite)—Fremont, Jefferson, Teller.

Tellurium—Boulder, Teller.

Tin (cassiterite)—Garfield.

Titanium (ilmenite, rutile, perovskite)—El Paso, Gunnison.

Tungsten (ferberite, hubernite, scheelite)—Boulder, Chaffee, Clear Creek, Gilpin, Gunnison, Lake, Ouray, San Juan, San Miguel, Summit.

Yttrium (allanite, gadolinite)—Boulder, Douglas, Washington.

Zinc—Archuleta, Chaffee, Clear Creek, Conejos, Dolores, Eagle, Fremont, Gilpin, Hinsdale, Lake, Mineral, Ouray, Park, Pitkin, Saguache, San Juan, San Miguel, Summit.

Zircon—El Paso.

COAL

The annual output of coal in Colorado exceeds in volume and value that of any other product of the mines, the total value of the coal produced in the state from the beginning of the industry to the end of 1930 being estimated at \$735,121,708. Gold, which heretofore has held first place in the value of mineral output, lost that position to coal in 1929 and now ranks second in aggregate value. The gold production of the state down to the end of 1930 was \$715,477,609, this being the final figure compiled by the United States Bureau of Mines with the exception of 1930, the figures for that year being the preliminary estimates.

The coal resources of the state, that is, coal in the ground unmined, are greater than in any other state in the Union, according to Clark B. Carpenter, associate professor of metallurgy of the Colorado School of Mines, who places Colorado first in the estimates of the country's available supply, with Illinois, West Virginia and Pennsylvania following in the order named. The state ranked third at the end of 1912, according to estimates made by the United States geological survey. Colorado ranks eighth among the states in the value of the annual output.

M. R. Campbell, senior geologist of the United States geological survey, estimates that the quantity of coal in the state unmined at the end of 1925 was approximately 417,982,149,000 short tons. This estimate is based on areas given by him in the "Coal Resources of the World" before the Twelfth International Geological Congress at Ottawa, Canada, in 1913, from which is

deducted the coal mined up to the end of 1925 and estimated amount lost in mining. The areas mentioned comprised 19,754 square miles. These figures are given in detail in the following table:

Field	Area Sq. Mi.	Tonnage
Denver region....	6,860	36,297,700,000
Canon City field..	40	932,800,000
Trinidad	1,115	22,198,000,000
North Park.....	100	2,588,600,000
Yampa field.....	3,130	122,999,800,000
Uinta basin.....	6,500	206,283,400,000
South Park.....	73	18,100,000
Durango field....	1,860	26,197,800,000
Tongue Mesa.....	40	842,300,000
Area north of Mancos and west of Telluride	36	74,000,000
Total	19,754	418,432,500,000
Coal mined up to end of 1925		300,351,000
Est. loss in mining		150,000,000
Total exhaustion		450,351,000
Coal unmined		417,982,149,000

Of the area given in the above table, Mr. Campbell segregates 14,341 square miles as area in which coal probably is present and 5,413 square miles in which coal possibly is present. In the Denver region 5,380 square miles is classed as probable and 1,480 square miles as possible coal area, and in the Uinta basin, 2,780 square miles as probable and 3,720 square miles as possible coal area. The figures do not represent coal that is available at the present time, but coal that will ultimately be mined.

Professor Carpenter's estimates place the total considerably in excess of the geological survey, his estimate being 503,895,000,000 tons exclusive of the Denver and North Park regions. His estimates are as follows:

Field	Area Sq. Mi.	Tonnage
Canon City.....	40	932,000,000
Trinidad	1,035	22,198,000,000
Yampa	3,130	85,045,000,000
Uinta Basin.....	2,780	76,282,000,000
South Park.....	3	18,000,000
Durango	1,840	8,504,000,000
Tongue Mesa.....	40	842,000,000
Southwest Colorado	36	74,000,000
Yampa and Uinta (below 3,000 ft.)		310,000,000,000
Total	8,904	503,895,000,000

The Colorado state geological survey estimates on area and available supply are as follows:

Field	Area Sq. Mi.	Tonnage
Denver region....	4,300	13,590,000,000
Durango field....	1,900	21,428,000,000
North Park.....	500	453,000,000
Trinidad	1,080	24,462,000,000
Uinta region.....	6,000	271,810,000,000
Yampa field.....	3,700	39,639,000,000
Scattered fields...	350	388,000,000
Total	17,830	371,770,000,000

Colorado, through its ownership of state school land, profits extensively from its coal deposits, its holdings of coal lands being estimated at 473,732 acres, of which 15,774 acres was under lease on November 30, 1930. From these leases 1,227,158 tons of coal was mined in the biennial period ending November 30, 1930, the amount received therefrom during the period being \$197,916. Additional data on state school land will be found in the chapter under that heading.

In order to present the magnitude of the Colorado coal deposits, Professor Carpenter points out that at an estimated value of only one cent a ton the value of the state's coal resources is at least three times greater than the total value of all metals ever produced in the state. On the basis of coal consumption in 1925 the state has sufficient coal to provide for the entire United States for more than seven centuries.

Colorado coal ranges in quality from black lignite and sub-bituminous varieties through various grades of bituminous to true anthracite. The bituminous varieties include high-grade coking coal found in the Trinidad district, in the Glenwood Springs area and in Gunnison county. High-grade bituminous coal is also found in Jackson, Routt, Moffat, Rio Blanco, Mesa, Delta, Montezuma, La Plata, Fremont and Huerfano counties. True anthracite coal is found near Crested Butte, in Gunnison county, and is found in several localities in Routt and Moffat counties.

Tables published herewith show Colorado's coal production by years from 1864 to 1930, inclusive, with its estimated value at the mine; coal production by counties, by years, and the production, average number of men employed, number of fatal accidents, number of mines, etc., from 1913 to 1930, inclusive.

COLORADO COAL PRODUCTION BY YEARS			Year	Tons	Value
Year	Tons	Value	1900	5,495,734	\$ 5,858,036
1864 to 1872...	53,700	\$ 127,400	1901	6,021,405	6,441,891
1873	69,977	139,954	1902	7,522,923	8,397,812
1874	87,372	179,740	1903	7,775,302	9,150,943
1875	98,838	197,676	1904	6,776,551	8,751,821
1876	117,666	235,332	1905	8,989,631	10,810,978
1877	160,000	320,000	1906	10,308,421	12,735,616
1878	200,630	451,417	1907	10,965,640	15,079,449
1879	322,732	726,154	1908	9,773,007	13,586,988
1880	375,000	844,100	1909	10,772,400	14,206,012
1881	706,744	1,590,178	1910	12,104,887	17,026,934
1882	1,161,479	2,388,328	1911	10,197,000	14,747,764
1883	1,220,593	2,766,584	1912	11,016,948	16,345,336
1884	1,130,024	2,542,554	1913	9,268,939	14,035,090
1885	1,398,796	3,051,589	1914	8,201,423	13,601,718
1886	1,436,211	3,215,594	1915	8,715,397	13,599,264
1887	1,791,735	3,941,817	1916	10,522,185	16,964,104
1888	2,185,477	4,808,049	1917	12,515,305	27,669,129
1889	2,400,629	3,843,992	1918	12,658,055	33,404,743
1890	3,075,781	4,344,196	1919	10,406,543	28,748,534
1891	3,512,632	4,800,000	1920	12,514,693	42,829,000
1892	3,771,234	5,685,112	1921	9,141,947	32,377,000
1893	3,947,056	5,104,602	1922	10,003,610	31,701,000
1894	3,021,928	4,078,000	1923	10,346,218	33,299,000
1895	3,339,495	4,519,000	1924	10,501,088	32,133,000
1896	3,371,633	4,560,000	1925	10,440,387	31,321,000
1897	3,565,660	4,475,000	1926	10,616,760	31,850,000
1898	4,174,037	5,215,000	1927	9,781,580	34,235,530
1899	4,826,939	5,363,667	1928	9,921,585	34,725,547
			1929	9,934,064	27,318,676
			1930	8,238,094	22,654,758
			Total	352,971,720	\$735,121,708

SUMMARY OF STATE COAL MINING INDUSTRY
(From Records of the State Coal Mine Inspector)

Year	Tons of Coal Produced	No. of Men Employed	No. of Fatal Accidents	Killed Per 1,000 Employed	Tons Coal Produced Per Fatal Accident	Total No. of Mines State
1913	9,268,939	12,871	110	8.6	84,263	178
1914	8,201,423	10,596	75	7.0	109,352	188
1915	8,715,397	12,563	64	5.1	136,178	199
1916	10,522,185	13,315	44	3.35	239,095	219
1917	12,515,305	13,970	188	13.5	66,571	238
1918	12,658,055	14,374	71	4.94	177,578	249
1919	10,406,543	12,799	91	7.1	114,357	241
1920	12,514,693	13,665	70	5.1	178,781	231
1921	9,141,947	14,164	52	3.6	175,807	249
1922	10,003,610	13,436	74	5.51	135,184	275
1923	10,336,735	13,277	66	4.97	156,617	276
1924	10,501,088	12,703	44	3.48	238,661	271
1925	10,440,387	12,228	57	4.66	183,165	283
1926	10,616,760	11,768	52	4.42	204,168	261
1927	9,781,580	11,453	54	4.7	181,140	266
1928	9,921,585	11,474	35	3.05	283,474	266
1929	9,934,064	11,196	53	4.73	187,435	264
1930	8,238,094	10,683	36	3.38	228,836	275
Average	10,206,577	12,574	68.7	5.46	148,568	246

COAL PRODUCTION BY COUNTIES
(From the Report of the State Coal Mine Inspector)

COUNTY	Tons 1920*	Tons 1926	Tons 1927	Tons 1928	Tons, 1929	Tons 1930
Archuleta.....	.....	1,106	414	515	408	948
Boulder.....	1,230,347	600,849	433,661	434,995	479,643	428,051
Delta.....	123,478	69,838	87,883	68,745	72,273	70,323
Dolores.....	.....	5,220	9,200	8,354	11,732	6,085
Elbert.....	.....	3,254	3,615	4,249	3,003	2,158
El Paso.....	379,869	352,300	349,386	352,589	361,595	345,344
Fremont.....	874,766	572,631	449,769	480,069	526,927	411,455
Garfield.....	28,507	31,292	30,654	33,498	44,430	33,841
Gunnison.....	620,632	566,315	555,837	460,805	521,401	498,724
Huerfano.....	2,448,733	1,967,437	1,814,629	1,800,105	1,783,744	1,374,491
Jackson.....	50,905	59,192	69,799	66,832	56,318	48,762
Jefferson.....	176,427	102,416	79,380	101,169	98,755	121,085
La Plata.....	132,497	102,998	92,215	89,701	74,464	57,011
Las Animas....	4,345,110	3,299,803	3,231,872	2,944,211	2,564,897	1,970,599
Mesa.....	174,801	127,096	118,495	163,861	118,567	96,337
Moffat.....	3,173	6,196	5,357	7,396	6,025	8,445
Montezuma....	4,147	6,156	7,928	7,399	6,663	6,456
Montrose.....	2,105	1,091	1,346	1,354	1,278	3,470
Ouray.....	500	.....	250	373	.....	1,180
Pitkin.....	913	3,002	2,224	16,198	18,757	14,011
Rio Blanco....	6,068	6,175	5,042	5,942	6,771	6,304
Routt.....	966,912	917,717	921,614	928,855	1,006,740	837,801
San Miguel....	.....	1,047	1,096	1,057	557	1,433
Weld.....	944,803	1,813,629	1,509,914	1,943,313	2,169,116	1,893,780
Total.....	12,514,693	10,616,760	9,781,580	9,921,585	9,934,064	8,238,094

*Year of peak output.

OIL AND NATURAL GAS

Colorado has the distinction of being the second oldest oil producing state in the United States and at the same time being among the latest to attract the attention of the oil operators of the country as a probable source of a considerable part of the nation's future crude oil supply.

This situation arises out of the fact that the oil industry of Colorado is divided into two distinct periods of development. The first period embraces the era from the first discovery in 1862 down to the time when the search for new fields had practically ceased. The second period opened in 1923, when some of the major producing companies of the country commenced an exploratory campaign which resulted in discoveries that promise to put the state in the front rank among the oil producers.

The first attempts to open up a supply of crude oil in Colorado were mostly economic failures. The second period has yielded more favorable results. Between the two periods the oil industry made rapid progress in development in the way of geological knowledge and in methods for drilling to greater depths, and this advance undoubtedly has been a big factor in changing the outlook for the future.

The first discovery of oil in Colorado in a well drilled for that purpose was made in the spring of 1862 by A. M. Cassidy, a pioneer in the Pennsylvania fields. This well came in as a producer at 50 feet and was located on Oil creek, six miles north of Canon City, near an oil spring, in what is now Fremont county, in the south-central part of the state, but what was then a part of Colorado territory. When it is recalled that the first well sunk for oil

to come in as a producer in this country was drilled near Titusville, Pa., by Col. E. L. Drake, founder of the petroleum industry, in August, 1859, it will be seen that Colorado's oil development began when the business was in its infancy.

Prospecting continued in the state for a number of years after the Florence discovery and a small pool was found in Boulder county, some shallow wells with small production were drilled in the Rangely district in Rio Blanco county, and some discoveries were made near DeBeque in Mesa and Garfield counties, but these were of importance mostly in pointing to the possibilities of the future.

The present oil activity dates from November 11, 1923, when the Union Oil Company of California brought in a large gas and oil well on the Wellington dome, 15 miles north of Fort Collins, in Larimer county. This was followed by the Texas company's completion of a large oil producer on the Moffat dome, 16 miles south of Craig, in Moffat county, on March 3, 1924. These developments opened a new era of prospecting in the state under the auspices of many of the leading oil companies of the country.

Exploration up to the beginning of 1930 resulted in the discovery of 10 oil pools. The location of these pools along the edges of large natural basins and parallel to the Rocky Mountain range, or near the edges of smaller basins surrounded by mountains, at first led to the conclusion that conditions were unfavorable for the occurrence of oil far out from the mountains in the plains region of eastern Colorado. This theory was upset on October 10, 1930, when the Platte Valley Petroleum company, drilling on the Greasewood dome in Weld county, 60 miles east of the mountain range, made a commercial discovery which inaugurated a third era in oil prospecting in the state.

The location of the producing pools, the dates of their discovery, the formations from which they are producing, the average depth of wells and the quality of the crude are given in an accompanying table.

A table is published herewith showing the extent of drilling operations and results by years beginning with 1926. Prior to the last named year no official records of exploration for oil were compiled by the state. The immigration department has compiled, however, such records as are available of wells drilled in earlier periods and

while these are incomplete they furnish an index to past drilling activities in the state. Logs of these wells are not available in many instances; some of them were drilled only to shallow depths and abandoned without making tests of the objective horizons, and many went only to horizons that were then considered likely to contain oil. In later years formations below those formerly drilled have been found productive in several areas of the state. This record, as far as the information is available, has been published in a separate volume entitled "Mineral, Oil and Shale Resources," copies of which may be obtained upon request to the department. Altogether, approximately 2,000 wells have been drilled in 42 counties of the state up to the present in search of oil.

The total production of crude oil in Colorado from 1862 to 1930, inclusive, a period of 69 years, was 25,994,034 barrels, with a value of \$27,321,774. The following table gives the gross output by years and the estimated value at the well:

PRODUCTION OF CRUDE OIL IN COLORADO

Year	Barrels	Value
1862-86	350,000	\$ 245,000
1887	154,000	123,200
1888	298,000	262,240
1889	317,000	280,240
1890	369,000	324,720
1891	666,000	559,005
1892	824,000	692,160
1893	594,000	497,581
1894	516,000	423,420
1895	438,000	359,160
1896	361,000	295,020
1897	385,000	346,500
1898	444,000	444,000
1899	390,000	404,110
1900	317,000	323,434
1901	461,000	461,030
1902	397,000	486,583
1903	484,000	431,723
1904	501,000	587,035
1905	376,000	337,606
1906	328,000	262,675
1907	332,000	272,813
1908	380,000	346,403
1909	311,000	317,712
1910	240,000	243,402
1911	227,000	228,104
1912	206,000	199,661
1913	189,000	174,779
1914	223,000	200,894
1915	208,000	208,474
1916	197,000	217,139
1917	121,000	128,100
1918	143,000	188,472
1919	121,000	183,000

**PRODUCTION OF CRUDE OIL IN
COLORADO—Continued**

Year	Barrels	Value
1920	111,000	\$ 199,000
1921	108,000	182,000
1922	97,000	114,000
1923	86,000	129,000
1924	445,000	667,500
1925	1,211,702	1,817,553
1926	2,692,892	4,577,916
1927	2,722,670	2,611,058
1928	2,750,060	2,655,670
1929	2,273,723	2,120,425
1930	1,627,987	1,242,257
Total	25,994,034	\$27,321,774

Note—Above figures up to 1925 are from reports of the U. S. geological survey. Figures for years beginning with 1925 were compiled by the state immigration department.

The number of producing wells in the state on December 31 of the year named and average production in barrels per well per day, as reported by the United States bureau of mines, was as follows:

Year	No. Wells	Av. Prod.
1921.....	80	3.2
1922.....	75	3.2
1923.....	60	3.5
1924.....	70	25.8
1925.....	80	64.1
1926.....	130	60.3
1927.....	170	51.7
1928.....	210	39.9
1929.....	220	30.0

The average production per well per day in Colorado compares with 7.4 barrels for the United States in 1926, 7.7 barrels in 1927, 7.6 barrels in 1928 and 8.4 barrels in 1929. Colorado's average per well per day was the highest in the country in 1926, third highest in 1927 and 1928 and fifth highest in 1929.

NATURAL GAS

Natural gas in commercial quantities has been developed on several structures in Colorado. The first major discovery was made by the Union Oil Company of California on November 11, 1923, in its No. 1 Buckeye, on the Wellington dome in Larimer county, this well making 82,000,000 cubic feet per day initial from the Muddy sand at 4,285 feet. In October 1926, the Somir Petroleum company's No. 1 Wilson, Sec. 22-12N-100, on the Hiawatha dome, came in at 2,200 feet, presumably in the Wasatch formation, as a 58,000,000-foot gas well. Lower horizons on this structure have since been proven for gas. Several gas wells making from 20,000,000 to 45,000,000 cubic feet per day have been drilled on the Thornburg dome in Township 3

North, Range 91 West, in Moffat county. Gas was discovered on the Bartram dome. 3 miles west of the Hiawatha dome in Moffat county, in 1929, the discovery well being drilled by the Texas Production company and having an aggregate flow from several horizons of 72,000,000 cubic feet per day at a total depth of 2,300 feet, but part of this flow was cased off before the well finally was completed. Carbon dioxide gas was found in the Muddy sand at 5,110 feet on the North McCallum dome in Jackson county by the Continental Oil company in December, 1926. This gas comes from the sand with a very high gravity crude oil. An experimental plant to separate the gas from the oil has been constructed at the well in connection with plans to manufacture "dry" ice for industrial uses. Gas in limited quantities is being produced on the Garcia dome in Township 34 South, Range 62 West, in Las Animas county, and helium gas also is produced on the Model dome in this county whenever there is a market for same. Two gas wells producing from 800,000 to 1,000,000 cubic feet a day have been drilled on the Berthoud dome, three miles west of the town of Berthoud, in Larimer county, and there are two gas wells on the Rangeley dome, commercial in quantity. In 1930 the Mountain Fuel Supply company discovered a new gas field on the Powder Wash dome in northern Moffat county, the well making 34,000,000 cubic feet per day initial. Other discoveries have been made in various areas of the state, but do not rank in importance with those named.

The Colorado Interstate Gas company and associated interests completed in 1928 a 340-mile pipe line from the Amarillo field in Texas to Denver. This line directly and indirectly serves the steel mills at Pueblo and the cities of Denver and Pueblo. Since its completion it has been extended eastward to supply La Junta, Rocky Ford, Swink and other towns in the Arkansas valley and westward to supply industrial plants in Fremont county. The Colorado-Wyoming Gas company constructed in 1929 an extension of the Texas system to convey gas to Boulder, Fort Collins and other cities and towns in northern Colorado. Through pipe lines originally constructed to pipe gas from the Wellington dome to Cheyenne and Fort Collins, the new line now carries Texas gas as far north as Cheyenne. The Standard Oil company of

Colorado is marketing some gas from the Berthoud dome. The Western Public Service company in 1929 constructed a system comprising 345 miles of line from the Hiawatha dome in northern Moffat county to Salt Lake City and Ogden, Utah, and is marketing gas from that structure and other gas domes. This line eventually is to be extended into southern Idaho, Durango and industries in that vicinity are being supplied with natural gas

from northern New Mexico through a 36-mile line completed in 1929 by the Mesa Grande Gas company. In 1930 the Colorado Gas & Utilities company constructed a system to supply Lamar, Holly, Springfield and other towns in southeastern Colorado with natural gas from the Hugoton, Kansas, field. Further extensions of these systems to supply gas to various Colorado communities are either under way or shortly to be constructed.

PRODUCING OIL POOLS IN JANUARY, 1931

POOL	County	Date Opened	Av. Gr. of Oil	Depth to Sands (feet)	Producing Formations	No. Wells Jan. 1, 1930	Av. Daily Production Jan., 1931
Fort Collins---	Larimer-----	1924	37.5	4,550	Dakota-----	15	286
Wellington---	Larimer-----	1923	33.5	4,400	Dakota-----	22	359
Moffat-----	Moffat-----	1924	41.6 38.0	3,800 4,200 4,400	Dakota----- Morrison----- Sundance-----	11	1,020
Iles-----	Moffat-----	1927	32.5	3,200 3,400	Morrison----- Sundance-----	15	997
Florence- Canon City---	Fremont-----	1887 1926	31.0	1,000 2,300	Pierre shale-----	146	498
Walden-----	Jackson-----	1926	54.0	5,100	Dakota-----	1	0
Tow Creek---	Routt-----	1924	36.0	2,500 to 3,100	Shale above Dakota-----	15	382
Rangely-----	Rio Blanco---	1902	52.0	600	Mancos shale-----	4	90
Boulder-----	Boulder-----	1901	---	2,500	Shale-----	7	19
Berthoud-----	Larimer-----	1925	40.0	3,750	Dakota-----	1	14
Greasewood---	Weld-----	1930	42.0	6,650	Dakota (?)-----	1	350
Total-----	-----	----	----	----	-----	238	4,515

OIL WELL DRILLING OPERATIONS, BY YEARS

YEAR	Wells Completed or Abandoned				Initial Production (Bbls.)		Footage Drilled	
	Oil Wells	Gas Wells	Dry or Abandoned	Total	Total	Av. per Well	Total	Av. per Well
1926-----	37	7	53	97	-----	----	314,609	3,243
1927-----	56	7	77	140	11,708	209	352,612	2,519
1928-----	58	2	70	130	8,949	154.3	347,831	2,676
1929-----	28	5	57	90	3,668	131.0	204,108	2,266
1930-----	16	10	31	57	1,752	109.5	152,839	2,681

PRODUCTION OF CRUDE OIL, 1930, BY MONTHS AND FIELDS, IN BARRELS

Note—Figures in this table are based on oil marketed and do not include crude used in the field.

MONTH	Fort Collins	Wellington	Moffat	Iles'	Florence- Canon City
January.....	8,773	43,997	26,072	33,035	13,652
February.....	9,676	36,984	32,191	28,362	23,901
March.....	9,502	37,259	30,395	30,250	19,662
April.....	9,013	33,521	28,474	28,526	17,414
May.....	9,321	33,576	27,729	31,296	18,486
June.....	9,341	31,014	28,280	31,370	17,351
July.....	7,796	29,101	35,101	34,790	16,327
August.....	9,284	28,346	31,049	33,714	15,536
September.....	8,660	26,650	28,694	31,377	15,247
October.....	9,256	26,910	33,998	32,126	14,541
November.....	9,803	24,862	30,395	29,338	14,264
December.....	11,710	24,375	30,173	24,176	13,037
Totals.....	112,135	376,595	362,551	368,360	199,418

MONTH	Tow Creek	Rangely	Berthoud	Boulder	Grease- wood	Total
January.....	16,580	2,790	434	589	.....	145,922
February.....	12,248	2,520	392	532	.....	146,806
March.....	12,603	2,790	434	589	.....	143,484
April.....	14,271	2,700	420	570	.....	134,909
May.....	12,707	2,790	434	589	.....	136,928
June.....	12,278	2,700	420	570	.....	133,324
July.....	12,262	2,790	434	589	.....	139,190
August.....	11,303	2,790	434	589	.....	133,045
September.....	10,934	2,700	420	570	.....	125,252
October.....	11,951	2,790	434	589	.....	132,595
November.....	10,434	2,700	420	570	4,638	127,424
December.....	13,165	2,790	434	589	8,659	129,108
Totals.....	150,736	32,850	5,110	6,935	13,297	1,627,987

CRUDE OIL PRODUCTION BY FIELDS AND YEARS IN BARRELS

FIELD	1930	1929	1928	1927	1926	1925
Fort Collins..	112,135	159,228	241,830	*1,161,332	466,931	353,463
Wellington ..	376,595	662,998	790,210	(*)	754,044	72,591
Moffat	362,551	410,430	442,530	663,810	1,167,184	589,440
Iles	368,360	503,366	596,040	248,200	23,486	6,037
Florence- Canon City..	199,418	336,825	451,510	293,844	95,902	102,545
Tow Creek...	150,736	172,492	189,960	263,462	139,720	42,001
Rangely	32,850	19,090	23,800	36,500	36,500	36,500
Boulder	6,935	8,325	9,310	9,125	9,125	9,125
Walden .....	.....	969	4,870	46,397	.....	.....
Berthoud	5,110	.....	.....	.....	.....	.....
Greasewood..	13,297	.....	.....	.....	.....	.....
Totals	1,627,987	2,273,723	2,750,060	2,722,670	2,692,892	1,211,702
Est. value...	\$1,242,257	\$2,120,425	\$2,655,670	\$2,611,058	\$4,577,916	\$1,817,558
Av. value per bbl.(a) .	\$0.76	\$0.93	\$0.97	\$0.96	\$1.70	\$1.50

(*)Wellington and Fort Collins productions for 1927 are combined under "Fort Collins."

(a) These averages, based on the posted and contract prices, vary slightly from the averages of the U. S. Bureau of Mines.

Note—Rangely and Boulder output is estimated.

WELLS COMPLETED OR ABANDONED IN 1930
 (Wells completed in 1929 are listed in the 1930 Year Book)

Well Number and County	Location	Operator	Result	Depth (Feet)
ARAPAHOE:				
Shaffer No. 1-----	21-4S-67	H. Brown Cannon, et al....	Abandoned----	760
ARCHULETA:				
Crowley No. 1-----	2-32N-2E	Standard Oil of Colo.-----	Gas-----	405
BENT:				
Pipe Spring No. 1-----	27-27-49	Continental Oil Co.-----	Abandoned----	6,084
BOULDER:				
Anderson No. 1-----	18-3N-70	Reliance Oil Co.-----	Abandoned----	2,320
Erickson No. 1-----	33-2N-70	Reliance Oil Co.-----	Abandoned----	3,150
DOUGLAS:				
Cannon No. 1-----	11-9S-68	Perry Park Oil & Gas Co....	Abandoned----	2,002
FREMONT:				
No. 6-----	15-20-69	Wallace Oil & Ref. Co.-----	Abandoned----	2,500
No. 7-----	15-20-69	Wallace Oil & Ref. Co.-----	Producer-----	1,740
Hassler No. 6-----	21-20-69	Thomas A. Davis-----	Producer-----	2,700
Beltramo No. 1-----	1-19-70	Hammond & Rocco-----	Abandoned----	2,548
Tiger No. 1-----	26-19-69	Standard Oil of Colo.-----	Abandoned----	1,604
Shaw No. 1-----	2-19-70	Continental Oil Co.-----	Producer-----	2,000
McCandless No. 2-----	21-20-69	Donnelly Bros., et al.-----	Abandoned----	3,100
Griffith No. 2-----	Townsite	M. L. Eno-----	Abandoned----	1,600
San Isabel No. 4-----	22-20-69	Continental Oil Co.-----	Producer-----	2,360
Beltramo No. 1-----	1-19-70	Anderson Oil Co.-----	Producer-----	2,275
Hall No. 1-----	2-18-69	Courtney and Norwood-----	Abandoned----	1,200
Constantino No. 1-----	3-19-70	Anderson Oil Co.-----	Producer-----	3,600
Beltramo No. 2-----	1-19-70	Anderson Oil Co.-----	Producer-----	2,580
Travis No. 23-----	28-20-69	Vogel-Raddatz Corp.-----	Abandoned----	2,800
Cafky No. 1-----	16-20-69	Donnelly Brothers-----	Abandoned----	2,580
Melvina Steinhier No. 4-----	35-18-70	Continental Oil Co.-----	Abandoned----	2,400
Empire Zinc No. 2-----	8-19-70	Continental Oil Co.-----	Abandoned----	2,725
Travis No. 22-----	28-20-69	Vogel-Raddatz Corp.-----	Producer-----	2,610
Giovannini No. 1-----	1-19-70	Continental Oil Co.-----	Abandoned----	2,650
No. 1-----	16-19-70	Cannon-Reliance Fuel Co....	Abandoned----	4,015
Griffith No. 1-----	5-20-69	M. L. Eno, et. al.-----	Abandoned----	3,125
GARFIELD:				
Smith No. 1-----	8-8S-102	Fulton Petroleum Co.-----	Gas-----	2,857
HUERFANO:				
No. 1-----	5-29S-69	Ojo Exploration Co.-----	Abandoned----	600
Abeyta No. 1-----	31-27S-65	Sporleder & Elliott-----	Abandoned----	2,237
JACKSON:				
Hendershot No. 1-----	2-6N-81	Producers & Refiners Corp.---	Abandoned----	4,255
Rich No. 21-X-----	9-6N-80	Midwest Refining Co.-----	Abandoned----	4,500
LARIMER:				
Hoffman No. 1-----	23-4N-70	Continental Oil Co.-----	Abandoned----	1,510
Hertha No. 1-----	21-4N-69	Standard Oil Co. of Colo.---	Gas-----	2,830
Scott No. 5-----	6-9N-68	Continental Oil Co.-----	Producer-----	4,315
Barrows No. 1-----	7-11N-68	Stanley Barrows, et. al.-----	Abandoned----	2,375
Scott No. 4-----	6-9N-68	Continental Oil Co.-----	Producer-----	4,410
LAS ANIMAS:				
Flonz No. 1-----	23-32S-63	Trinidad Development Co.---	Abandoned----	2,960
Morris-Cowdrey No. 3-----	35-29S-60	Helium Company-----	Gas-----	1,152
Hall No. 1-----	19-27S-59	Helium Company-----	Abandoned----	935
MOFFAT:				
Knowlton No. 12-----	33-5N-91	Texas Production Co.-----	Producer-----	4,592
Berlin No. 1-----	19-12N-100	Texas Production Co.-----	Gas-----	2,645
Lasher No. 1-----	25-12N-101	Mountain Fuel Supply Co.---	Gas-----	2,756
Parkinson No. 19-SD-----	22-4N-92	Midwest Refining Co.-----	Producer-----	3,462
Knowlton No. 6-----	10-4N-91	Texas Production Co.-----	Producer-----	4,543
Hannewalt No. 24-----	4-6N-92	Midwest Refining Co.-----	Gas-----	3,040
Williams No. 1-----	2-3N-92	Thomas McLaughlin, et. al.---	Abandoned----	4,515
MONTEZUMA:				
Haller No. 3-----	33-36-14	Mesa Verde Ranch Co.-----	Abandoned----	900
Haller No. 2-----	33-36-14	Mesa Verde Ranch Co.-----	Gas-----	720
Haller No. 1-----	29-36-14	Mesa Verde Ranch Co.-----	Gas-----	764
PUEBLO:				
Hedland No. 1-----	7-23S-67	Beulah Dome Syndicate-----	Abandoned----	1,005

WELLS COMPLETED OR ABANDONED IN 1930—Continued
(Wells completed in 1929 are listed in the 1930 Year Book)

Well Number and County	Location	Operator	Result	Depth (Feet)
RIO BLANCO:				
Fordham No. 1-A-----	9-2S-96	Magnolia Petroleum Co.-----	Gas-----	5,130
Patent No. 1-----	31-2N-102	Brigman Petroleum Co.-----	Abandoned-----	680
Patent No. 2-----	31-2N-102	Brigman Petroleum Co.-----	Producer-----	681
ROUTT:				
Carstarphen No. 4-----	5-6N-86	Texas Production Co.-----	Producer-----	3,485
WELD:				
Patterson No. 1-----	24-6N-61	Platte Valley Pet. Co.-----	Producer-----	6,647
YUMA:				
Andrews No. 1-----	3-2S-42	Phillips Petroleum Co.-----	Abandoned-----	4,905

Number of wells completed in 1930: Oil wells, 16; gas wells, 10; dry and abandoned, 31; total, 57. Total footage drilled, 152,839 feet. Initial production of oil wells, 1,752 barrels per day; of gas wells, 84,796,000 cubic feet.

FUEL OIL DISTRIBUTION IN COLORADO

(Compiled from surveys of gas-oil and fuel-oil distribution in the United States made by the United States Bureau of Mines, co-operatively with the American Petroleum Institute. Quantities are in barrels of 42 gallons each.)

USES	1929	1928	1927	1926
Railroads	19,065	17,900	19,883	11,107
Gas and electric power plants.....	24,467	60,420	83,270	94,241
Smelters and mines.....	18,115	16,493	62,928	9,419
Steel mills and foundries.....	53,310	276,014	443,425	146,559
Automotive industries.....	2,246	144	.....	476
Textiles and their products.....	245	.....	.....	.....
Chemical and allied industries.....	285	432	165	.....
Sugar refineries.....	.....	.....	.....	6,190
Cement and lime plants.....	2,752	344	216	152
Ceramic industries.....	28,327	41,680	50,093	49,429
Commercial heating.....	4,934	754	35,847	.....
Domestic heating.....	73,803	9,435	2,500	2,157
Food industries.....	53,083	28,876	30,871	.....
Other manufacturing.....	5,984	3,538	2,539	7,093
Used as fuel by oil companies.....	147,800	125,205	89,252	80,869
Miscellaneous	11,543	4,380	63,019	12,778
Totals	445,959	585,615	884,008	420,470

NATURAL GAS PRODUCED AND CONSUMED IN COLORADO

(From Reports of U. S. Bureau of Mines)

	1928	1927	1926	1925
Quantity produced, M cu. ft.....	2,931,000	1,725,400	553,800	574,400
Estimated value at wells:				
Total value.....	\$293,000	\$173,000	\$50,000	\$61,000
Average val. per M cu. ft. (cts.)	10.0	10.0	9.0	10.6
Value at point of consumption:				
Total value.....	\$786,000	\$290,000	\$130,000	\$61,100
Average val. per M cu. ft. (cts.)	26.8	16.8	23.5	10.6
Gas consumed:				
Quantity, M cu. ft.....	6,347,000	1,544,000	503,800	574,400
Value at point of consumption..	\$1,847,000	\$277,000	\$125,000	\$61,100
Average val. per M cu. ft. (cts.)	29.1	17.9	24.8	10.6

Note—Gas produced and delivered to consumers includes deliveries in other states, and gas consumed includes receipts from other states.

PETROLEUM REFINERIES

There are four petroleum refineries in Colorado. The largest is at Florence and is owned by the Continental Oil company. It is a complete plant with a daily crude oil capacity of 3,000 barrels, taking off the lighter cuts and recovering wax, lubricants and other products. Included in the equipment are Burton cracking stills with a capacity of 1,500 barrels per day. The Texas company operates a complete plant at Craig, with a daily crude capacity of 1,500 barrels a day and Holmes-Manley cracking stills with a capacity of 1,000 barrels. The Raven Oil & Refining company has a 200-barrel skimming plant at Rangely which operates on crude produced in the field where it is located. In 1930 the Continental Oil company constructed a new refinery in Denver with a charging capacity of 1,500 barrels of crude oil per day and a Cross cracking unit with a daily capacity of 800 barrels.

OIL SHALE

One of the greatest undeveloped natural resources in Colorado is the immense acreage of oil shale land, located upon the western slope of the main range of the Rocky mountains, mostly in Mesa, Garfield and Rio Blanco counties. The shales do not contain crude oil similar to that which comes from petroleum wells, but the material from which crude oil is made and which in the course of time would become petroleum if nature were permitted to complete its processes. Engineers and scientists have devised methods by which nature's work can be hastened and the shales made to yield the oil in a short time by the application of heat and pressure. The shale beds lie mostly in horizontal strata ranging in thickness from a few feet to 50 feet or more, some strata being exposed at the surface and others lying at varying depths beneath the surface.

The area of land in Colorado classified by the United States geological survey as oil shale land is 952,239 acres. In 1928 the federal oil conservation board made a report to the president on general petroleum problems in the United States which contained a statement on oil possibilities of the shales by Dean E. Winchester. This statement estimates the oil in the Colorado shales at 79,625,998,000 barrels, of which 47,625,598,000 barrels is

recoverable. In arriving at these figures Mr. Winchester adopted the following limiting factors:

No oil shale less than one foot in thickness is considered minable.

No shale which will yield less than 15 gallons of oil to the ton is considered minable.

No oil shale which will yield less than 3,000 barrels of shale oil per acre of shale land is considered minable.

It was also assumed that not more than 60 per cent of the shale in the ground will reach the retorts and be treated, although in the best operations, using the most economical wholesale mining methods, this percentage doubtless will be very greatly increased and it is not at all impossible that 95 per cent of the shale included in the estimates will be treated. At the present rate of production of crude oil, Mr. Winchester's estimate of recoverable oil in the Colorado shales alone is equal to the entire output of crude oil in the United States for a period of 50 years.

Production of oil from shale has been in progress in Scotland and other European countries for many years upon a profitable basis, but it is a comparatively new and undeveloped industry in this country, though considerable progress has been made in recent years in working out processes, acquiring shale lands and other preliminary operations. Many of the larger oil producing and refining companies of the country have extensive investments in Colorado oil shale land which they are holding for development at such time as the price of crude oil and the demands of the industry justify the operation of the properties.

The federal government has two shale reserves in Colorado, which were set aside primarily with a view to insuring an ample supply of oil for the future needs of the navy. President Wilson created Naval Oil Shale Reserve No. 1 in Colorado by an executive order issued on December 6, 1916. This reserve is located in Garfield county near Rifle and Grand Valley and embraces 45,440 acres, which the geological survey estimates to contain at least 2,500,000,000 barrels of crude oil. President Coolidge issued a similar order on November 22, 1924, creating No. 3 reserve adjoining No. 1 and containing approximately 22,000 acres. No. 2 reserve is located in Utah. Since the first withdrawal was

made 3,880 acres in No. 1 reserve have been restored to the public domain, as investigations disclosed that the acreage is not oil shale land.

The federal government has been active in experimenting with methods and developing processes for the recovery of oil from shale, and in 1926 placed in operation on one of its reserves at Rulison a plant equipped with a full-sized Pumpherson retort of the Scottish type and another of American development and make. In this plant the shale was handled in a small way the same as the product would be worked by a larger unit, so that actual results in the recovery of oil, the cost of mining, transporting and crushing the shale, and other details can be determined. This was followed by the construction at Boulder by the bureau of mines, in co-operation with the state government, of a small refinery for the treating of crude oil from the Rulison plant to recover gasoline and other products. The Rulison plant commenced producing oil on September 17, 1926, and at a subsequent date runs of oil were made in the refinery at Boulder. Small quantities of the crude were supplied by the government to private operators for experimental refining purposes. The operation subsequently was discontinued.

The principal hindrance to development has been the low price of well oil compared with the cost of producing oil from shale. The cost of the latter has been computed mostly on a theoretical basis, due to the very limited number of commercial plants actually operated, and the government plant was constructed principally for the purpose of determining these factors by actual operations.

Colorado's oil shales are found principally in what is known as the Green River formation. Tests made by the United States geological survey have shown a recovery of 10 to 68 gallons of oil from a ton of shale. Many by-products are recoverable from shale, among which is ammonium sulphate. The survey estimates that 300,000,000 tons of that product can be recovered in the process of recovering the other contents.

STONE AND OTHER NON-METALS

Colorado ranks first among the states in the wide variety and volume of deposits of high grade stone which are to be found within its boundaries.

Sandstone, granites and basalts are, perhaps, most abundant, but marbles, lavas, abrasives, limestones, slates and shale are common. The value of stone sold or used by producers in the years named as reported by the United States bureau of mines, was as follows:

	1926	1927	1928
Stone -----	\$1,107,867	\$ 975,953	\$ 933,241
Granite -----	194,386	179,591	205,785
Limestone ----	740,138	681,742	563,215
Sandstone --	71,085	77,004	69,470
Total -----	*\$2,113,476	*\$1,914,290	*\$1,771,711

*Does not include basalt, marble and miscellaneous.

The value of the output of stone, granite, limestone and sandstone by years is as follows:

1920	\$1,621,180
1921	1,111,954
1922	1,111,388
1923	1,485,369
1924	2,114,960
1925	1,733,842
1926	2,113,476
1927	1,914,290
1928	1,771,711

In 1928 there were 43 active plants producing stone, eight producing granite, 17 producing limestone and 13 producing sandstone.

Sandstone, granite and marble have been extensively quarried for building purposes and the last two are widely used for interior decorating and monumental purposes. The most extensive marble deposits are in Gunnison county, near the town of Marble. Several large buildings in Denver are constructed of marble from that district, as are also the Lincoln Memorial in the nation's capital, New York City's municipal building, and structures in other large cities. The deposits are said to be the largest in the world. In 1928, this stone was used for the exterior of the Huntington mausoleum and the inside of the Sunnyside and Woodlawn mausoleums in Los Angeles.

Minerals used in the manufacture of cement are being developed in the state on an extensive scale. Figures on production are not segregated, but annual output is in excess of \$3,000,000 in value. Brick clay is found in almost every county in the state and has been dug to some extent in at least two-thirds of the counties. The importance of this industry is indicated by the census bureau's figures on manufactures for 1925, which credit Colorado with 30 establishments engaged in manufacturing clay products (other than pottery) and non-clay refractories. These establishments em-

played an average of 1,182 wage earners, distributed \$1,414,974 in wages, and had an output of products valued at \$4,351,749. In addition, there were four plants producing pottery and porcelain ware, with an output of products valued at \$287,820. Fire clay, plastic clay and kaolin, also, are widely distributed.

The accompanying tabulation shows the principal valuable non-metals found in the state, together with the counties where they have been reported:

Abrasive Stone—Gunnison.

Amber—Boulder.

Asbestos—Boulder, Chaffee, Fremont, Rio Grande.

Asphalt—Garfield, Grand, Jefferson, Mesa, Routt, Rio Blanco.

Basalt—Boulder, Delta, Eagle, Garfield, Grand, Huerfano, Jefferson, Las Animas, Mesa, Rio Blanco.

Cement Materials—Boulder, Chaffee, Fremont, Larimer, and many others.

Corundum—Chaffee, Clear Creek.

Coal—Adams, Arapahoe, Archuleta, Boulder, Delta, Dolores, Douglas, Elbert, El Paso, Fremont, Garfield, Gunnison, Huerfano, Jackson, Jefferson, La Plata, Las Animas, Larimer, Mesa, Moffat, Montezuma, Montrose, Ouray, Park, Pitkin, Rio Blanco, Routt, Weld.

Feldspar—El Paso.

Fire Clay—Bent, Boulder, Custer, Douglas, El Paso, Fremont, Garfield, Gunnison, Huerfano, Jefferson, Larimer, Las Animas, Pueblo.

Fluorspar—Boulder, Chaffee, Clear Creek, Custer, Dolores, Douglas, El Paso, Fremont, Gilpin, Jefferson, Lake, Larimer, Mineral, Montezuma, Montrose, Park, San Juan, Saguache, San Miguel, Teller.

Fuller's Earth—Chaffee, Washington.

Gem Stones—Chaffee, Clear Creek, Eagle, El Paso, Fremont, Hinsdale, Jefferson, Lake, Larimer, Moffat, Park, Saguache, Teller.

Glass Sand—Bent, Fremont, Prowers, Pueblo.

Granite—Archuleta, Boulder, Chaffee, Clear Creek, Conejos, Costilla, Custer, Delta, Dolores, Douglas, Eagle, El Paso, Fremont, Garfield, Gunnison, Jackson, Jefferson, La Plata, Larimer, Las Animas, Mineral, Moffat, Ouray, Park, Pueblo, Rio Blanco, Rio Grande.

Graphite—Chaffee, Gunnison, Las Animas.

Gypsum—Custer, Delta, Dolores, Eagle, El Paso, Fremont, Garfield, Jefferson, Larimer, Montrose.

Kaolin—Boulder, El Paso, Fremont, Huerfano, Jefferson, La Plata, Morgan, Pueblo.

Limestone—Boulder, Chaffee, Douglas, Fremont, Gunnison, Jefferson, La Plata, Larimer, Las Animas, Mesa, Mineral, Ouray, Park, Pueblo, Rio Blanco.

Marble—Boulder, Chaffee, Gunnison, Larimer, Pueblo.

Mica—Clear Creek, Fremont, Larimer, Mesa.

Oil Shale—Garfield, Gunnison, Mesa, Moffat, Montrose, Rio Blanco.

Onyx—Gunnison.

Petroleum—Boulder, Fremont, Larimer, Mesa, Moffat, Montrose, Pueblo, Rio Blanco, Routt.

Potash—Costilla, Delta.

Sandstone—Archuleta, Boulder, Chaffee, Conejos, Costilla, Custer, Delta, Dolores, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Gunnison, Jackson, La Plata, Larimer, Las Animas, Mesa, Mineral, Ouray, Park, Pueblo, Rio Blanco.

Salts of Sodium—Alamosa, Saguache.

Slate—Gunnison.

Sulphur—Gunnison, Mineral.

COKE PRODUCTION

The production of coke in Colorado in the calendar year of 1930 as reported by the state coal mine inspector was 458,443 tons, which compares with 722,072 tons, a decrease of 263,629 in 1929, and 750,022 tons, a decrease of 301,579 tons, in 1928. There were 295½ coke ovens in operation in 1930, compared with 562 in 1929 and 493 in 1928. Coal used in producing coke in 1930 was 687,800 tons and in 1929 was 1,103,308 tons, and in 1928 was 1,265,105 tons. The average number of men employed at the coke ovens was 76 in 1930, 104 in 1929 and 208 in 1928.

The production of coke began in Colorado in 1880, when the total output was 25,568 tons. A steady increase in output continued up to 1891, in which year the quantity was 277,074 tons. During the next 20 years Colorado's output was not reported separately, but included Utah production. The maximum output for Colorado was in 1917, when the total was 1,112,449 tons.

By-product coke ovens have been gradually replacing the old bee-hive type in the state, and as a result of this change the output of benzol, ammonium sulphate and other by-products has been steadily increasing. In 1929 the Colorado Fuel & Iron company appropriated \$1,100,000 for the construction of 42 additional by-product ovens and auxiliary equipment, which brought the total number operated by that company alone up to 162.

Operations by calendar years were as follows:

Year	No. Ovens	Tons Coal Used	Tons Coke
1923	545	1,068,354	648,851
1924	559	1,260,209	738,345
1925	559	945,957	644,481
1926	600	1,324,465	792,517
1927	492	1,332,038	790,573
1928	493	1,265,105	750,022
1929	562	1,103,308	722,072
1930	295½	687,800	458,443

Colorado's Educational System

COLORADO ranks favorably among the states of the Union in educational facilities and in some specialized lines it stands near the top of the list. The state has a large and elaborate public school system, which is undergoing rapid extension. In addition, it has a number of colleges, universities and professional schools for the higher education of students and numerous commercial and business colleges, nurses' training schools and parochial schools and private institutions offering specialized courses in music, the arts and sciences.

Illiteracy, the inability to read or write any language, is steadily declining in the state as shown by the federal census, due, in a large measure, to the state's excellent educational system. In 1920 the percentage of illiterates 10 years of age and over was only 3.2 per cent, compared with 3.7 per cent in 1910 and 4.2 per cent in 1900. The 3.2 per cent illiteracy in Colorado in 1920 compares with 6.0 per cent for the entire country. Twenty-nine states had a larger per cent of illiterates in that year than Colorado, while 18 states had a smaller per cent.

The enrollment in the schools, colleges and universities of the state in the school year of 1929-1930 was 277,643, or 26.8 per cent of the entire population of the state. This is exclusive of duplications, summer schools and commercial and business schools. There are several of the latter in the state for which reliable statistics are not available. There was a decrease of 2,714 in the number enrolled in 1929-1930 as compared with 1928-1929, in which school year there was an increase of 5,130 over 1927-1928. This increase was accounted for in part by the inclusion of two institutions with an enrollment of 204 in the tabulations for 1928-1929 which were not in the figures for the preceding school year.

Enrollment by sexes is about evenly divided. In the school year of 1929-1930 there were 2,691 more males than females, which compares with 1,821 more females than males in 1928-1929 and 2,518 more males than females in 1927-1928.

Enrollment by sex and classes of institutions for the school year of 1929-1930, with comparisons, was as follows:

	Male	Female	Total
Public schools.....	127,984	124,734	252,718
State controlled colleges and universities.....	4,085	3,234	7,319
Privately controlled colleges and universities.....	2,262	2,491	4,753
Parochial, etc.....	5,836	7,017	12,853
Total.....	140,167	137,476	277,643
1928-1929.....	139,268	141,089	280,357
1927-1928.....	138,873	136,354	275,227
1926-1927.....	*	*	274,637
1925-1926.....	*	*	278,696
1924-1925.....	*	*	266,938

*Not segregated for these years.

The cool summers and other attractive features in Colorado afford unusually desirable opportunities for summer schools, and a number of the larger institutions make these regular and important features of their programs. Many students from eastern states, where the summer period is too oppressive for effective work in the school room, attend the summer terms of Colorado institutions and combine education with recreation.

Ten of the colleges and universities of the state, both publicly and privately controlled, conducted summer schools in 1930, in which there were enrolled 8,825 students, of whom 2,586 were male and 6,239 were female. This was equal to 77.1 per cent of the total enrollment in the preceding regular school year. The total summer school enrollment of these institutions was 8,680 in 1929 and 8,522 in 1928. Three institutions in 1930 had a larger enrollment for the summer schools than in the regular school year of 1929-1930.

The value of all property in the state used for educational purposes, based on inventories of state institutions and investment in public schools and private colleges and universities, is estimated at close to \$90,000,000. Information on private and parochial schools is not available, but the principal items from which the total estimate is made are as follows:

Public schools (1930).....	\$62,147,540
State universities and colleges (1930).....	16,052,420
County high schools.....	1,695,336
Private universities and colleges (1928).....	5,479,373
Total.....	\$85,374,669

*Includes value of libraries, grounds, buildings and equipment, but excludes productive funds amounting to \$5,225,615.

The cost of operating the educational institutions of the state, including both publicly and privately controlled, is estimated at \$40,000,000 annually. The expenditures for the public schools in 1930 amounted to \$26,213,618 and of state owned institutions in 1928, \$4,776,245. Data on private universities and colleges and parochial schools are not available, but estimated on a per capita basis at slightly less than the per capita costs of publicly controlled institutions, indicate an annual outlay of close to \$10,000,000.

The public schools, colleges, universities and private schools of all classes included in this summary reported a total of 11,170 instructors and teachers employed during the regular school year of 1929-1930, of whom 2,338 were men and 8,832 were women. These are exclusive of instructors and teachers employed in the summer schools. The figures by classes for 1929-1930 are as follows:

	Male	Female	Total
Public schools	1,675	8,070	9,745
State colleges and universities	406	167	573
Private colleges and universities	215	111	326
Parochial	42	484	526
Total, 1929-30	2,338	8,832	11,170
Total, 1928-29	2,377	8,616	10,993
Total, 1927-28	2,379	8,660	11,039
Total, 1925-26	2,469	8,565	11,034

Additional information on public schools, colleges and universities and private schools will be found in chapters under those headings.

PUBLIC SCHOOL SYSTEM

The state has a large and elaborate public school system which affords ample facilities to all for acquiring a fundamental education. The system embraces kindergarten, elementary, junior high and senior high schools in both urban and rural communities, and in some of the larger cities special facilities in opportunity, manual training and night schools.

The state is divided into 2,041 school districts, the schools in each district being under the supervision of a local school board elected by the district. Each county has a superintendent of schools who is chosen at the general elections and who has limited advisory powers and certain powers for organizing new districts, consolidated schools and inter-district movements. A state superintendent of public instruction is chosen at each biennial general election.

The revenues for the operation of the schools are derived from three sources. The largest revenue is derived from district school levies. The directors in each district make annual budgets of funds required and their budgets are certified by the county superintendents to the county commissioners, who make levies through the regular tax-collecting channels. In addition, the state is a large owner of school land, from the sale and operation of which funds are derived. These revenues are maintained in a permanent school fund and the interest therefrom becomes available for the support of the state educational institutions. The third source of revenue is from levies made by counties under a minimum teachers' salary law which is limited to not to exceed five mills a year. School districts may authorize the issuance of school bonds upon vote of taxpaying electors, and many of the school buildings of the state have been and are being constructed through bond issues.

The state superintendent of public instruction reported a total of 3,305 schools in the state in 1930, a high school, an elementary school and a kindergarten housed in the same building being counted as three schools. These are classified as follows:

Senior high schools	322
Junior high schools	158
Elementary schools	690
Kindergarten schools	56
Rural schools	2,079
Total	3,305

In 1930 there was a total of 3,208 school houses, classified as follows:

Sod, adobe or log	227
Frame	1,929
Brick or stone	1,052
Total	3,208

The number of school houses in use in 1930 was 2,989.

The growth in the number of school districts, schools and buildings in recent years is shown in the following table:

Year	Dists.	Schools	Bldgs.
1921	1,900	....	3,742
1922	1,912	2,884	3,510
1923	1,944	3,243	3,635
1924	1,992	3,391	3,587
1925	2,003	3,396	4,116
1926	2,019	*3,302	*3,800
1927	2,029	3,439	4,380
1928	2,032	3,317	4,636
1929	2,040	3,334	3,543
1930	2,041	3,305	3,208

*Apparent decrease is due to failure of Washington county superintendent to report in 1926, that county reporting 121 schools and 313 buildings in 1925.

The total value of public school property in 1930, as reported by the state superintendent of public instruction, was \$62,147,540, of which \$50,169,294 was in buildings, \$5,430,655 was in land, and \$6,547,591 in equipment. The valuation placed upon school property by years and amount invested per pupil enrolled was as follows:

	Valuation	
	Total	Per Pupil
1922.....	\$33,518,134	.....
1924.....	43,100,821	.....
1925.....	48,803,695	\$284.48
1926.....	54,643,685	218.63
1927.....	56,232,651	259.72
1928.....	59,738,453	237.88
1929.....	60,656,164	236.80
1930.....	62,147,540	246.00

Receipts for school purposes, including county high schools, and the sources of revenue, for the year ending June 30, 1930, as reported by the state superintendent, were as follows:

Balance on hand.....	\$ 3,426,306
General fund, by apportionment.....	925,877
County levy, teachers minimum salary.....	5,848,944
Special tax.....	16,847,257
Tuition.....	506,030
All other sources.....	2,265,860
Total.....	\$29,820,274

Disbursements for the same period were as follows:

Teachers' salaries.....	\$14,539,403
Current expenses.....	6,250,305
Permanent improvements.....	1,790,813
Library purposes.....	125,851
Redemption of bonds.....	1,042,136
Payment overdrafts.....	583,556
Interest:	
Bonds.....	1,460,800
Warrants.....	121,026
Abatement and fees.....	299,727
Total.....	\$26,213,617

Receipts, including balances on hand at the beginning of the fiscal year, and disbursements, by years, were as follows:

	Receipts	Disbursements
1925.....	\$27,158,849	\$26,720,801
1926.....	25,204,797	26,888,074
1927.....	27,650,274	24,518,450
1928.....	28,356,121	25,410,668
1929.....	28,544,910	25,157,462
1930.....	29,820,274	26,213,617

A table published herewith shows receipts and disbursements by counties. Total enrollment in the public schools in 1930 was 252,718, of which 127,984 were boys and 124,734 were girls, as follows:

Senior high schools.....	37,730
Junior high schools.....	26,847
Grade schools.....	175,598
Night schools.....	12,543
Total.....	252,718

Total enrollment by years, with increases, is as follows:

Year	Enrollment	Increase
1920.....	229,508	.....
1921.....	232,757	3,249
1922.....	243,004	10,247
1923.....	249,813	6,809
1924.....	247,195	*2,618
1925.....	255,115	7,920
1926.....	250,087	*5,208
1927.....	251,615	528
1928.....	251,131	*484
1929.....	256,134	5,003
1930.....	252,718	*3,416

*Decrease.

A statement of the school fund derived from the sale and leasing of state land and amounts apportioned to the counties for school purposes will be found in the chapter on state or school lands. Distributions to the schools from the income fund for the biennial periods ending on November 30 of the years named were as follows:

Year	Amount
1918.....	\$1,156,943
1920.....	1,520,396
1922.....	1,582,097
1924.....	1,777,314
1926.....	1,868,083
1928.....	1,672,690
1930.....	1,631,566

The total indebtedness of the public school districts, exclusive of bonds for county high schools, on June 30, 1930, was \$32,743,730, of which \$30,266,091 was for bonds, and the remainder for registered and unregistered warrants. There is published elsewhere in this volume a detailed statement by counties of bonded indebtedness as of January 1, 1931.

The annual per capita cost of education in the public schools, as reported by the state superintendent of public instruction, based on enrollment and average attendance, is as follows:

Year	Enrollment	Attendance
1921.....	\$ 70.56	\$ 97.97
1922.....	80.57	114.88
1923.....	83.53	119.59
1924.....	94.03	129.51
1925.....	104.74	143.53
1926.....	107.51	183.51
1927.....	97.44	135.83
1928.....	101.10	135.82
1929.....	98.22	129.36
1930.....	103.73	137.43

Tables published elsewhere in this volume show the value of public school property by counties, average yearly salaries of teachers by counties, receipts and disbursements of the public school system by counties, average annual per capita cost by counties, and the number of school districts, schools

and school buildings, number of teachers and population and enrollment statistics by counties.

COLLEGES AND UNIVERSITIES

Among the principal universities, colleges and professional schools of the state devoted to higher education are the following:

Name	Location	Year of Opening
University of Colorado	Boulder	1877
Agricultural college	Fort Collins	1881
School of Mines	Golden	1874
Western State college	Gunnison	1909
State Normal	Alamosa	1925
Teachers college	Greeley	1890
Fort Lewis School	Hesperus	1911
Colorado college	Colorado Springs	1874
Regis college	Denver	1888
Colorado Woman's college	Denver	1909
University of Denver	Denver	1864
Loretto Heights college	Loretto	1918
Iliff School of Theology	Denver	1892
Westminster Law School	Denver	1912

The first seven named above are publicly controlled and are mostly supported by legislative appropriations and state tax levies. The Agricultural college and State university derive some revenue from the sale and administration of school land grants made by the federal government for their benefit. These funds are administered through the state land board in the same manner as the public school land funds.

The number of students enrolled in the colleges and universities included in this survey for the regular school year 1929-1930, by sex, was as follows:

Name	Male	Female	Total
University of Colorado	2,065	1,146	3,211
Agricultural college	941	366	1,307
School of Mines	463	...	463
Western State college	124	237	361
State Normal	49	110	159
Teachers college	404	1,334	1,738
Fort Lewis School	39	41	80
Colorado college	349	289	638
Regis college	194	...	194
Colorado Woman's college	...	242	242
University of Denver	1,565	1,766	3,331
Loretto Heights college	...	171	171
Iliff School of Theology	54	8	62
Westminster Law School	100	15	115
Total	6,347	5,725	12,072

Additional information concerning the expenditures, investment, etc., of state universities and colleges by

years will be found in another chapter on State Institutions and accompanying tables.

PAROCHIAL SCHOOLS

The parochial school system in Colorado in the school year of 1929-1930 included 50 schools, employing 367 teachers and with a total enrollment of 11,293; four academies, employing 56 teachers and with a total enrollment of 470; two special schools for boys, employing 27 teachers and with an enrollment of 263; four orphan asylums, employing 52 teachers and with an enrollment of 667; and one industrial and reform school, employing 24 teachers and with an enrollment of 160. The total is 61 institutions, employing 526 teachers and with an enrollment of 12,853.

PRIVATE COMMERCIAL AND BUSINESS SCHOOLS

Data on private commercial and business schools in the state are not included in the general summary of Colorado's educational system, due to the difficulty of compiling information that is comparable. Thirteen of these institutions reported to the federal bureau of education for the school year of 1924-1925. These schools had an enrollment of 4,861 students, of whom 3,118 were in the day courses and 1,743 in the night courses. The number of instructors and professors employed by these schools was 115, of whom 62 were men and 53 were women.

In addition to the public schools, universities, colleges and professional schools mentioned herewith, there are in the state a number of nurses' schools, law schools, theological universities, schools of music and art, and private business schools which are not included in this report.

OTHER STATE SCHOOLS

In addition to the state educational institutions listed in this chapter Colorado carries on a definite program of education in separate institutions for the mute, the blind and the deaf. Likewise consistent educational programs are carried on at the industrial schools for boys and girls, the reform schools and various other institutions of involuntary confinement. The pupils in these schools are not counted, as they are included among the inmates of the institutions named, in the chapter under the heading "State Institutions."

VALUE OF PUBLIC SCHOOL PROPERTY, 1930, BY COUNTIES

(From records of Superintendent of Public Instruction)

COUNTY	Buildings	Land	Equipment	Total	Per Pupil Enrolled
Adams -----	\$ 775,460.00	\$ 45,280.00	\$ 93,985.00	\$ 914,725.00	\$176.77
Alamosa -----	318,285.24	36,320.00	44,943.78	399,549.02	176.90
Arapahoe -----	725,578.07	101,371.04	77,695.95	904,645.06	179.65
Archuleta -----	133,537.55	5,278.00	9,537.57	148,353.12	158.15
Baca -----	333,336.00	16,632.00	37,033.17	387,001.17	130.00
Bent -----	307,050.00	15,205.00	48,500.00	370,755.00	183.94
Boulder -----	1,423,069.00	156,500.00	137,480.00	1,717,049.00	220.00
Chaffee -----	236,200.00	12,125.00	29,636.00	277,961.00	170.00
Cheyenne -----	250,100.00	14,095.00	59,030.00	323,225.00	308.28
Clear Creek -----	149,600.00	8,495.00	13,097.00	171,192.00	372.15
Conejos -----	233,650.00	10,725.00	51,000.00	345,375.00	117.00
Costilla -----	79,475.00	6,335.00	14,895.00	100,705.00	70.00
Crowley -----	530,430.00	23,905.00	57,325.00	611,660.00	350.00
Custer -----	60,958.67	4,750.00	11,086.00	76,794.67	176.55
Delta -----	618,986.00	47,005.00	68,350.76	734,341.76	164.76
Denver -----	16,282,364.65	2,653,497.41	1,906,119.39	20,841,981.45	350.52
Dolores -----	19,250.00	955.00	2,875.00	23,080.00	80.00
Douglas -----	150,537.00	8,876.00	19,519.00	178,932.00	209.30
Eagle -----	156,376.00	10,165.00	40,756.00	207,297.00	277.19
Elbert -----	265,062.00	5,725.00	39,268.00	310,055.00	185.00
El Paso -----	2,718,637.64	459,063.25	317,675.12	3,495,376.01	320.50
Fremont -----	954,803.70	34,442.19	106,577.20	1,095,823.09	240.67
Garfield -----	615,875.00	57,735.00	137,332.00	810,942.00	313.00
Gilpin -----	45,640.00	2,180.00	6,850.00	54,670.00	217.80
Grand -----	44,200.00	2,810.00	15,325.00	62,335.00	135.50
Gunnison -----	477,427.00	13,350.00	29,247.00	520,024.00	438.60
Hinsdale -----	11,000.00	1,050.00	1,000.00	13,050.00	124.30
Huerfano -----	439,400.00	19,365.00	39,550.00	498,315.00	100.50
Jackson -----	15,475.00	2,245.00	8,900.00	26,620.00	101.20
Jefferson -----	985,855.00	73,775.00	122,135.00	1,181,765.00	311.49
Kiowa -----	175,875.00	5,825.00	34,580.00	216,280.00	201.94
Kit Carson -----	407,950.00	13,460.00	67,975.00	489,385.00	186.40
Lake -----	117,401.00	625.00	26,142.20	144,168.20	160.15
La Plata -----	614,220.12	59,612.95	73,724.89	747,557.96	213.00
Larimer -----	1,538,731.00	209,161.00	174,973.40	1,922,865.40	220.00
Las Animas -----	1,106,430.00	109,230.25	137,948.80	1,353,609.05	139.00
Lincoln -----	380,950.00	10,688.00	64,071.00	455,709.00	163.30
Logan -----	864,042.55	79,902.00	169,845.00	1,113,789.55	201.37
Mesa -----	1,009,525.00	78,694.00	165,455.00	1,253,674.00	180.00
Mineral -----	8,000.00	500.00	1,300.00	10,100.00	94.00
Moffat -----	172,843.37	13,735.00	24,809.31	211,387.68	177.30
Montezuma -----	197,850.00	20,200.00	42,690.00	260,740.00	131.10
Montrose -----	486,100.00	26,855.00	75,375.00	588,330.00	172.18
Morgan -----	1,037,217.00	83,430.00	145,907.00	1,266,554.00	145.35
Otero -----	1,251,223.45	109,652.00	153,994.02	1,514,869.47	217.85
Ouray -----	49,687.00	2,760.00	8,715.00	61,162.00	166.65
Park -----	56,275.00	5,100.00	9,945.00	71,320.00	51.33
Phillips -----	288,300.00	22,950.00	41,063.00	352,313.00	217.15
Pitkin -----	87,500.00	8,851.50	9,700.00	106,051.50	270.00
Prowers -----	698,479.35	30,372.00	101,079.35	829,930.70	194.75
Pueblo -----	3,772,581.33	337,957.71	478,278.68	4,588,817.72	310.90
Rio Blanco -----	153,050.00	12,000.00	18,650.00	183,700.00	278.00
Rio Grande -----	551,988.80	31,850.00	112,875.00	696,713.80	258.25
Routt -----	481,328.45	25,435.00	58,597.51	565,360.96	238.35
Saguache -----	258,200.00	8,400.00	60,025.00	326,625.00	183.75
San Juan -----	60,000.00	10,000.00	1,000.00	71,000.00	247.40
San Miguel -----	188,530.39	3,595.00	16,351.34	208,476.73	277.60
Sedgwick -----	406,084.48	22,853.21	56,593.81	485,531.50	281.40
Summit -----	114,100.00	1,700.00	14,200.00	130,000.00	600.00
Teller -----	88,050.00	1,150.00	9,525.00	98,725.00	123.00
Washington -----	424,336.50	20,498.00	72,665.18	517,499.68	193.33
Weld -----	3,181,017.45	185,065.29	421,105.52	3,787,188.26	210.15
Yuma -----	533,807.85	28,992.25	151,707.50	714,507.60	201.10
Totals -----	\$50,169,293.61	\$ 5,430,655.05	\$ 6,547,591.45	\$62,147,540.11	\$246.00

PUBLIC SCHOOLS, TEACHERS AND SCHOOL POPULATION, 1930

COUNTY	Total Number			Teachers			School Population		
	No. of School Dists.	Schools	School Bldgs.	Male	Female	Total	Persons of School Age	Enrollm't in Public Schools	Aver. Daily Attend.
Adams	42	76	79	26	171	197	5,768	5,186	3,790
Alamosa	14	21	20	13	68	81	2,494	2,259	1,554
Arapahoe	28	48	46	27	150	177	5,945	5,086	3,692
Archuleta	22	29	29	3	39	42	1,072	938	673
Baca	63	94	102	32	95	127	2,766	2,878	2,037
Bent	38	45	42	21	83	104	2,438	2,369	1,535
Boulder	58	73	69	61	252	313	9,731	7,765	6,085
Chaffee	25	31	31	12	58	70	2,182	1,642	1,326
Cheyenne	9	33	44	14	51	65	1,153	1,029	824
Clear Creek	9	12	11	7	19	26	511	460	355
Conejos	30	39	34	26	88	114	3,764	2,965	2,225
Costilla	14	25	18	8	34	42	1,899	1,474	905
Crowley	9	21	17	13	58	71	1,943	1,748	1,450
Custer	23	24	22	3	26	29	520	435	314
Delta	18	37	41	26	125	151	5,083	4,076	3,158
Denver	1	77	100	201	1,386	1,587	78,605	59,466	45,562
Dolores	10	18	18	2	18	20	375	291	210
Douglas	33	36	35	9	48	57	957	855	673
Eagle	23	47	41	9	62	71	933	978	764
Elbert	47	89	86	17	95	112	2,094	1,677	1,364
El Paso	38	104	85	87	350	437	12,289	10,906	8,466
Fremont	33	53	59	46	156	202	5,829	4,553	3,600
Garfield	41	59	55	25	110	135	3,067	2,588	2,427
Gilpin	11	8	12	2	13	15	209	251	182
Grand	17	27	23	5	29	34	541	460	338
Gunnison	26	39	35	12	53	65	1,634	1,325	984
Hinsdale	4	6	4	2	6	8	126	105	91
Huerfano	51	82	80	23	154	177	6,948	4,959	3,348
Jackson	6	11	10	2	14	16	316	263	182
Jefferson	48	70	60	29	177	206	5,644	4,964	3,767
Kiowa	19	34	28	18	43	61	1,304	1,071	851
Kit Carson	83	98	93	38	115	153	3,370	2,625	2,089
Lake	8	15	16	7	33	40	1,520	901	750
La Plata	37	66	61	27	107	134	4,266	3,513	2,560
Larimer	46	84	76	47	280	327	9,818	8,748	6,689
Las Animas	120	161	163	72	326	398	12,894	9,726	6,478
Lincoln	45	83	81	35	94	129	2,778	2,292	1,994
Logan	58	95	88	42	210	252	6,844	5,531	4,209
Mesa	35	64	66	42	207	249	7,785	6,987	5,202
Mineral	3	3	3	2	5	7	142	120	89
Moffat	35	67	70	16	75	91	1,499	1,192	954
Montezuma	29	42	38	12	70	82	2,387	1,988	1,620
Montrose	26	38	40	16	102	118	3,665	3,417	2,657
Morgan	19	63	66	34	160	194	6,279	5,230	3,781
Otero	20	49	44	46	185	231	7,451	6,954	5,202
Ouray	12	20	17	5	21	26	514	367	302
Park	20	34	33	5	30	35	493	377	202
Phillips	38	40	39	18	64	82	1,765	1,622	1,343
Pitkin	15	15	14	4	20	24	552	393	332
Prowers	50	66	63	38	129	167	4,700	4,283	3,243
Pueblo	47	112	101	79	515	594	20,170	15,774	11,484
Rio Blanco	19	33	33	6	38	44	884	661	524
Rio Grande	8	19	19	19	91	110	3,197	2,698	2,270
Routt	44	63	64	19	106	125	2,813	2,372	1,863
Saguache	18	29	25	20	56	76	1,966	1,787	1,312
San Juan	1	3	5	6	6	12	310	287	271
San Miguel	14	27	23	3	33	36	838	592	472
Sedgwick	24	33	34	14	63	77	1,886	1,725	1,309
Summit	9	13	9	2	14	16	289	215	191
Teller	11	19	21	6	34	40	1,193	803	669
Washington	84	122	114	34	136	170	3,290	2,677	2,114
Weld	136	221	225	131	547	678	20,706	18,022	12,722
Yuma	117	140	128	49	167	216	4,417	3,867	3,113
State	2,041	3,305	3,208	1,675	8,070	9,745	308,731	252,718	190,742

RECEIPTS AND EXPENDITURES OF PUBLIC SCHOOL SYSTEM BY COUNTIES

(From Reports of State Superintendent of Public Instruction)

Note.—Receipts include balances on hand at beginning of fiscal years.

COUNTY	1930		1929	
	Receipts	Expenditures	Receipts	Expenditures
Adams.....	\$ 560,961.74	\$ 445,021.95	\$ 488,534.12	\$ 391,148.56
Alamosa.....	260,466.63	195,858.49	247,994.97	210,282.54
Arapahoe.....	478,981.96	427,139.44	438,155.12	392,950.79
Archuleta.....	81,282.11	54,047.42	68,096.75	53,496.15
Baca.....	292,203.66	239,892.99	261,074.79	209,751.52
Bent.....	236,232.15	212,666.15	226,555.40	200,030.08
Boulder.....	886,240.59	786,847.75	887,341.77	782,211.55
Chaffee.....	161,584.05	147,724.98	159,364.20	127,745.91
Cheyenne.....	218,686.54	158,665.02	202,210.87	158,638.25
Clear Creek.....	53,843.78	47,071.80	50,498.90	46,948.15
Conejos.....	226,579.55	189,414.22	196,034.26	168,443.38
Costilla.....	82,158.01	74,137.46	73,201.87	62,453.75
Crowley.....	260,209.61	222,553.62	229,082.74	184,655.39
Custer.....	46,921.88	39,094.81	43,405.56	36,173.72
Delta.....	416,722.59	371,986.42	409,188.73	353,877.69
Denver.....	6,868,081.13	6,792,827.22	6,584,441.83	6,546,410.51
Dolores.....	38,027.51	22,699.90	46,067.27	28,799.35
Douglas.....	144,545.25	114,733.77	124,484.57	103,628.88
Eagle.....	171,676.36	107,340.17	151,714.94	98,324.06
Elbert.....	280,400.05	207,096.27	255,969.24	211,611.06
El Paso.....	1,537,461.40	1,410,951.20	1,469,339.39	1,369,990.69
Fremont.....	550,545.39	482,150.68	544,854.56	446,598.97
Garfield.....	358,298.16	297,780.87	317,721.93	257,940.61
Gilpin.....	38,780.19	22,726.99	42,810.59	30,010.88
Grand.....	63,884.93	50,127.21	62,471.21	51,366.85
Gunnison.....	170,815.17	147,889.10	177,404.58	158,093.72
Hinsdale.....	14,403.83	10,991.78	11,860.67	10,693.73
Huerfano.....	546,702.37	424,571.52	503,016.61	351,904.28
Jackson.....	37,864.37	26,513.15	36,614.91	26,241.04
Jefferson.....	498,934.06	411,033.11	450,546.42	377,747.44
Kiowa.....	168,315.54	146,846.07	172,318.62	143,643.51
Kit Carson.....	417,878.18	325,709.27	389,366.57	312,374.34
Lake.....	107,285.76	88,315.03	99,700.74	91,026.39
La Plata.....	325,957.87	290,162.56	295,608.19	267,597.88
Larimer.....	1,081,229.63	896,332.29	1,024,943.82	837,043.10
Las Animas.....	937,199.87	853,469.99	909,404.45	817,643.63
Lincoln.....	379,448.59	290,378.83	338,633.11	276,126.81
Logan.....	804,170.42	668,766.09	693,336.51	544,663.43
Mesa.....	601,628.15	536,518.81	557,734.75	508,735.55
Mineral.....	27,599.06	15,076.68	19,621.34	13,438.44
Moffat.....	142,833.37	108,058.98	134,209.64	106,672.16
Montezuma.....	185,878.65	148,301.24	196,845.22	143,909.56
Montrose.....	324,258.78	253,529.75	311,855.74	257,754.87
Morgan.....	649,942.90	576,215.05	797,535.17	722,988.19
Otero.....	672,122.86	590,353.66	584,174.83	534,616.89
Ouray.....	52,191.61	48,038.92	54,604.61	45,838.51
Park.....	61,857.97	49,710.32	74,924.64	63,849.47
Phillips.....	243,237.88	157,402.81	217,146.50	152,382.34
Pitkin.....	50,307.08	37,693.55	47,751.97	36,511.91
Prowers.....	476,920.37	427,527.02	424,036.17	386,645.25
Pueblo.....	1,656,144.28	1,552,141.54	1,602,952.11	1,460,151.21
Rio Blanco.....	100,962.40	75,692.57	90,413.13	68,441.06
Rio Grande.....	428,258.61	308,970.26	341,983.79	237,547.35
Routt.....	313,455.68	251,618.38	311,449.31	250,931.04
Saguache.....	272,436.81	203,639.21	231,691.41	186,818.07
San Juan.....	50,924.64	31,606.14	49,905.31	37,789.53
San Miguel.....	111,018.93	93,729.87	110,347.59	68,570.00
Sedgwick.....	157,807.30	127,806.54	243,284.43	211,406.18
Summit.....	56,283.92	38,285.19	53,360.27	38,546.59
Teller.....	83,832.60	73,540.00	101,714.41	83,617.36
Washington.....	416,931.96	312,613.50	413,892.42	317,764.33
Weld.....	2,354,422.12	2,103,092.01	2,377,977.25	2,083,820.46
Yuma.....	530,034.85	390,920.17	512,077.83	400,427.47
State.....	\$29,820,273.66	\$26,213,617.76	\$28,544,910.62	\$25,157,462.38

AVERAGE ANNUAL PER CAPITA COST OF EDUCATION IN PUBLIC SCHOOLS
(From Records of the State Superintendent of Public Instruction)

COUNTY	1927		1928		1929		1930	
	Based on Enrollment	Based on Average Attendance	Based on Enrollment	Based on Average Attendance	Based on Enrollment	Based on Average Attendance	Based on Enrollment	Based on Average Attendance
Adams	\$ 99.04	\$151.37	\$ 88.49	\$127.64	\$ 74.01	\$110.22	\$ 78.10	\$117.42
Alamosa	150.46	220.76	93.53	133.91	93.29	128.93	86.70	126.04
Arapahoe	79.27	103.67	83.00	109.32	78.56	106.00	84.82	115.69
Archuleta	53.72	81.10	56.45	82.75	57.58	71.14	57.62	80.31
Baca	70.24	97.71	62.63	93.63	84.82	116.79	83.35	117.77
Bent	91.11	124.88	82.58	95.15	91.76	120.14	89.77	138.54
Boulder	98.44	124.25	96.69	124.45	100.81	126.69	101.33	129.31
Chaffee	64.46	70.18	89.79	112.87	79.33	92.56	89.96	111.41
Cheyenne	130.04	193.02	147.51	192.58	158.64	202.09	154.19	192.55
Clear Creek	101.20	128.73	100.98	125.82	106.22	135.30	102.33	132.60
Conejos	55.09	80.04	55.41	79.29	58.71	95.76	63.88	85.13
Costilla	51.97	81.34	60.34	85.56	50.98	82.28	50.30	81.92
Crowley	89.20	132.16	102.55	142.93	103.10	143.59	127.32	153.49
Custer	75.23	111.32	65.11	93.19	82.40	139.13	89.87	124.51
Delta	79.57	110.44	75.93	107.92	87.96	114.97	91.26	117.79
Denver	105.15	146.27	119.72	157.20	104.37	144.40	114.23	149.09
Dolores	79.33	102.99	54.47	76.98	101.05	---	78.01	108.09
Douglas	98.92	137.44	102.81	145.36	122.20	163.20	134.19	170.48
Eagle	97.95	135.70	92.96	131.28	106.18	142.71	109.75	140.49
Elbert	100.32	120.75	110.53	139.30	122.75	153.01	123.49	151.83
El Paso	122.56	162.43	130.32	182.48	125.82	150.00	129.37	166.66
Fremont	81.80	103.78	89.11	116.21	91.82	115.10	105.90	133.93
Garfield	71.57	98.04	77.38	99.33	98.68	140.34	115.06	122.70
Gilpin	78.77	124.04	112.38	163.45	175.50	202.78	90.55	124.87
Grand	69.81	97.47	68.38	105.40	106.57	147.18	108.97	148.31
Gunnison	93.34	118.05	91.51	107.27	113.65	146.11	111.61	150.29
Hinsdale	84.14	106.86	88.89	101.05	103.82	112.57	104.68	120.79
Huerfano	67.26	101.96	61.27	100.99	68.50	102.84	85.62	126.81
Jackson	94.19	128.70	101.51	134.98	99.40	141.08	100.81	145.67
Jefferson	74.46	99.22	83.87	135.97	78.50	91.91	82.80	109.11
Kiowa	102.84	131.32	139.40	180.51	135.00	171.62	137.11	172.56
Kit Carson	103.72	133.05	107.85	136.45	106.14	137.01	124.08	155.92
Lake	86.89	106.19	86.81	105.42	91.76	113.08	98.02	117.75
La Plata	74.79	104.43	76.58	108.50	74.87	99.92	82.60	113.34
Larimer	88.56	158.69	95.89	125.44	97.01	125.46	102.46	134.00
Las Animas	74.16	85.90	66.83	93.14	80.56	110.35	26.06	39.12
Lincoln	108.39	132.72	127.55	152.87	114.34	128.43	126.69	145.63
Logan	92.33	114.68	100.91	125.28	97.59	129.46	120.91	158.89
Mesa	75.78	90.88	75.38	98.14	75.51	95.31	76.79	103.14
Mineral	68.98	77.94	65.56	69.45	98.09	126.78	125.64	169.40
Moffat	91.34	124.93	89.38	124.65	90.93	120.94	90.65	113.27
Montezuma	77.24	105.78	82.36	119.13	71.10	95.49	74.60	91.54
Montrose	65.95	90.21	69.10	97.81	75.15	98.12	74.20	95.42
Morgan	82.98	120.52	90.04	127.75	128.94	193.36	110.17	152.40
Otero	89.60	116.07	86.33	116.61	83.93	107.16	84.89	113.49
Ouray	60.43	68.26	73.29	95.29	108.88	142.35	130.89	159.07
Park	145.55	224.96	137.95	210.91	177.85	253.37	131.86	246.09
Phillips	79.05	101.75	78.99	102.04	93.72	115.53	97.04	117.20
Pitkin	78.17	98.54	81.03	108.31	86.31	98.95	95.91	113.53
Prowers	107.34	149.95	112.44	145.42	94.03	130.76	99.82	131.83
Pueblo	115.28	161.53	99.71	134.49	92.16	97.73	98.40	135.16
Rio Blanco	86.67	112.18	111.52	140.85	84.91	107.78	114.51	144.45
Rio Grande	112.10	157.65	103.91	153.50	86.07	114.65	114.52	136.11
Routt	86.78	125.38	---	---	104.73	163.69	106.08	135.06
Saguache	129.66	185.52	113.70	169.71	109.83	153.13	113.96	155.21
San Juan	139.57	173.49	172.35	218.09	167.21	214.71	110.13	116.63
San Miguel	77.75	97.68	86.91	117.89	91.30	118.02	158.33	198.58
Sedgwick	73.90	126.33	79.94	109.60	117.12	158.48	74.09	97.64
Summit	122.10	171.99	143.78	180.84	143.30	193.70	178.07	200.45
Teller	93.45	117.26	98.08	105.62	93.43	118.77	91.58	109.93
Washington	92.37	119.52	97.62	120.02	118.44	136.67	116.78	147.88
Weld	111.70	154.39	117.59	161.41	117.23	160.69	116.70	165.31
Yuma	70.16	88.02	72.34	93.59	101.55	127.89	101.09	125.58
State	\$ 97.44	\$135.83	\$101.10	\$135.82	\$ 98.22	\$129.36	\$103.73	\$137.43
*Co. High Schools	177.37	207.18	168.31	196.87	---	---	---	---
Total	\$ 95.67	\$133.93	\$ 99.69	\$134.24	\$ 98.22	\$129.36	\$103.73	\$137.43

*County High Schools included in county totals for 1929 and 1930.

AVERAGE YEARLY SALARIES OF TEACHERS IN PUBLIC SCHOOLS, 1930

(From Records of the State Superintendent of Public Instruction)

COUNTY	Senior High Schools		Junior High Schools		Three or More Teacher Schools		Two-Teacher Schools	
	Men	Women	Men	Women	Men	Women	Men	Women
Adams	\$1,975.00	\$1,504.00	\$1,600.00	\$1,400.00	\$1,587.00	\$1,367.70	\$1,000.00	\$1,066.00
Alamosa	1,947.90	1,485.00	1,550.00	1,500.00	1,763.00	1,099.40	-----	1,104.60
Arapahoe	2,096.00	1,512.00	1,581.72	1,360.00	1,545.00	1,250.00	1,330.00	1,070.00
Archuleta	2,800.00	1,309.00	-----	-----	1,300.00	1,035.00	1,080.00	1,080.00
Baca	1,499.00	1,304.00	1,125.00	1,170.00	1,109.00	1,083.00	1,215.00	1,056.00
Bent	1,821.11	1,503.26	1,800.00	1,387.50	1,187.50	1,189.11	1,303.33	1,080.93
Boulder	1,743.00	1,424.00	1,670.00	1,400.00	1,525.00	1,200.00	1,160.00	1,075.00
Chaffee	1,886.10	1,477.75	-----	1,375.00	-----	1,064.80	-----	1,050.00
Cheyenne	1,919.00	1,379.00	-----	-----	950.00	1,088.66	-----	965.00
Clear Creek	1,862.50	1,362.50	1,350.00	1,187.50	-----	1,137.50	-----	-----
Conejos	1,695.23	1,247.50	-----	-----	1,172.30	875.00	905.00	845.00
Costilla	1,800.00	1,062.50	1,350.00	1,017.50	933.50	933.20	825.00	886.00
Crowley	1,950.00	1,360.00	1,408.00	1,061.00	-----	1,117.00	1,125.00	1,035.00
Custer	1,338.90	1,925.00	-----	1,350.00	-----	-----	1,350.00	1,305.00
Delta	1,901.25	1,364.75	1,843.74	1,337.90	1,500.00	1,131.93	1,200.00	1,024.73
Denver	2,568.00	2,671.00	2,246.70	2,492.00	1,893.00	2,188.00	-----	-----
Dolores	-----	-----	-----	-----	1,400.00	1,083.00	-----	-----
Douglas	1,937.50	1,300.00	1,787.50	1,350.00	1,775.00	1,256.60	-----	1,158.30
Eagle	2,170.00	1,324.20	-----	1,525.00	-----	1,212.00	-----	1,054.50
Elbert	1,862.00	1,277.40	-----	-----	1,260.00	1,073.60	-----	920.00
El Paso	1,869.20	1,502.00	2,011.33	1,712.00	1,480.00	1,228.78	2,100.00	1,247.00
Fremont	1,997.72	1,387.75	1,717.50	1,299.44	1,631.87	1,178.65	1,218.50	1,127.21
Garfield	1,706.00	1,417.00	-----	1,110.00	1,700.00	1,203.00	1,050.00	1,030.00
Gilpin	1,800.00	1,450.00	-----	-----	1,200.00	1,200.00	-----	1,359.00
Grand	2,000.00	1,387.50	-----	-----	1,450.00	1,050.00	-----	1,237.50
Gunnison	2,037.00	1,680.00	-----	1,850.00	1,783.00	1,330.00	-----	-----
Hinsdale	1,575.00	-----	1,575.00	-----	1,575.00	1,083.00	-----	-----
Huerfano	1,726.60	1,298.00	-----	-----	1,670.00	1,238.23	-----	1,035.00
Jackson	3,000.00	1,600.00	-----	-----	-----	1,295.00	1,215.00	1,225.00
Jefferson	1,923.80	1,675.50	1,662.90	1,307.00	-----	1,128.80	1,575.00	987.50
Kiowa	2,750.00	1,500.00	-----	-----	1,095.00	1,075.00	-----	920.00
Kit Carson	1,823.45	1,378.33	1,375.00	1,314.29	-----	1,111.57	1,026.00	925.00
Lake	1,863.70	1,615.00	-----	-----	1,500.00	1,276.00	-----	1,061.00
La Plata	1,772.00	1,401.50	2,265.00	1,395.00	1,337.50	1,126.00	1,255.00	1,050.50
Larimer	2,162.35	1,504.66	1,737.50	1,285.00	1,397.77	1,163.00	1,125.00	1,006.00
Las Animas	2,045.00	1,530.00	2,241.00	1,327.00	1,660.00	1,222.00	1,045.00	1,075.00
Lincoln	1,735.41	1,336.71	1,500.00	1,235.00	1,192.50	1,080.69	1,140.00	1,011.25
Logan	1,922.43	1,320.90	1,775.00	1,289.86	1,125.00	1,035.00	900.00	892.00
Mesa	1,816.15	1,390.33	1,625.00	1,403.75	1,822.50	1,144.50	1,249.00	1,030.90
Mineral	1,500.00	1,300.00	-----	-----	1,400.00	1,000.00	-----	-----
Moffat	2,580.00	1,563.00	1,620.00	900.00	-----	971.88	1,125.00	990.00
Montezuma	1,953.00	1,352.70	1,300.00	1,160.00	1,320.00	1,060.70	968.30	920.30
Montrose	1,906.25	1,583.33	-----	-----	1,438.75	1,083.71	1,485.00	1,088.33
Morgan	1,757.14	1,466.65	1,835.00	1,432.00	1,335.00	1,074.34	1,090.00	1,078.75
Otero	2,136.29	1,410.69	1,691.61	1,279.40	1,557.10	1,108.75	-----	1,051.25
Ouray	1,933.00	1,350.00	-----	-----	1,554.00	1,117.50	-----	1,125.00
Park	-----	1,361.00	-----	-----	-----	-----	1,230.00	1,057.00
Phillips	1,816.61	1,364.61	-----	-----	1,240.49	980.49	-----	922.50
Pitkin	1,766.00	1,450.00	-----	1,050.00	-----	950.00	-----	900.00
Prowers	2,024.75	1,422.90	1,600.00	1,403.10	1,087.00	1,181.75	1,372.50	1,018.33
Pueblo	1,776.35	1,302.94	2,068.10	1,561.12	1,527.59	1,098.19	-----	1,015.38
Rio Blanco	1,750.00	1,575.00	-----	-----	1,000.00	1,277.00	-----	-----
Rio Grande	2,351.80	1,517.00	1,380.00	1,340.00	1,532.50	1,270.00	-----	922.50
Routt	2,161.00	1,371.00	2,550.00	1,326.00	1,844.00	1,198.00	1,215.00	1,071.00
Saguache	1,960.00	1,370.50	1,465.00	1,420.00	1,625.00	1,127.00	1,340.00	1,089.00
San Juan	1,560.00	1,470.00	-----	-----	1,350.00	1,240.00	1,500.00	1,200.00
San Miguel	1,975.00	1,800.00	-----	-----	-----	1,250.00	-----	-----
Sedgwick	1,785.00	1,480.00	-----	-----	1,488.00	1,007.00	-----	-----
Summit	2,125.00	1,200.00	2,125.00	1,200.00	-----	1,300.00	-----	973.75
Teller	1,733.00	1,393.00	1,500.00	1,200.00	1,362.50	1,137.50	-----	1,125.00
Washington	1,718.18	1,395.24	-----	-----	1,600.00	1,117.50	1,035.00	996.00
Weld	1,882.00	1,383.00	1,635.00	1,333.00	1,244.00	1,334.00	1,230.00	1,123.00
Yuma	2,016.20	1,458.08	-----	-----	1,470.00	1,106.25	999.00	901.50
Average	\$1,942.05	\$1,450.55	\$1,701.90	\$1,351.15	\$1,430.55	\$1,997.55	\$1,200.00	\$1,047.50

Note.—Space does not permit publication of average salaries for one-teacher schools. However, the state average is \$947.27 for men and \$891.95 for women.

State Institutions

THE state of Colorado maintains 18 penal, eleemosynary and educational institutions. The penal and reform institutions, and their locations, are as follows:

Penitentiary.....	Canon City
Industrial school for boys.....	Golden
Industrial school for girls.....	Morrison
Reformatory.....	Buena Vista

The eleemosynary institutions, and their locations, are as follows:

Home for dependent and neglected children.....	Denver
Insane hospital.....	Pueblo
Home and training school for mental defectives.....	Grand Junction
Home and training school for mental defectives.....	Ridge
Soldiers and sailors home.....	Monte Vista
Industrial workshop for the blind.....	Denver

The educational institutions, and their locations, are as follows:

Agricultural college.....	Fort Collins
School of mines.....	Golden
Teachers college.....	Greeley
University of Colorado.....	Boulder
Western state college.....	Gunnison
Adams normal school.....	Alamosa
Mute and blind school.....	Colorado Springs
Fort Lewis school.....	Hesperus

The governing boards of all state institutions are appointed by the governor, with the exceptions of the state university at Boulder, which is under the supervision of a board of regents elected by the voters of the state.

The disbursements of state institutions for salaries, maintenance, equipment, lands, buildings, etc., for the year ending November 30, 1928, amounted to \$6,856,759, of which \$5,054,540 was distributed by the educational institutions. An accompanying table shows these disbursements by items and institutions and another gives the total disbursements by institutions by years.

The inventory value on June 30, 1930, including land, buildings, and equipment of above named institutions, as reported by the public examiner, was \$23,888,910. This compares with an inventory value of \$22,750,651 in 1928, \$23,558,543 in 1926 and \$17,973,107 in 1924. A table giving details of valuations of state institutions is published in a succeeding table under the heading "Inventory Value of State Property." Additional information on the state educational institutions will be found in the chapter elsewhere in this volume under "Educational," and of individual institutions by name under sub-headings.

The total population of state institutions, exclusive of universities and colleges, has shown a steady increase in recent years. It increased from 2,602 in 1914 to 5,627 in 1930. Population by years and institutions is shown in a separate table.

STATE PENITENTIARY

The Colorado state penitentiary is located at Canon City, in Fremont county. It is operated under the supervision of the state board of corrections and is in charge of a warden. The inventory value of the institution on June 30, 1930, as reported by the public examiner, was as follows:

Lands.....	\$ 75,000
Buildings and improvements..	1,250,000
Machinery.....	45,000
Tools and equipment.....	60,000
Furniture and fixtures.....	5,000
Libraries, etc.....	200
Autos, etc.....	12,500
General supplies.....	14,000
Livestock.....	26,800
Rights in land.....	4,000
Cash.....	15,326

Total\$1,507,826

The population of the penitentiary on November 30, of the years named, was as follows:

Year	Male	Female	Total
1924.....	845	37	882
1925.....	917	35	952
1926.....	927	31	958
1927.....	1,024	41	1,065
1928.....	1,005	31	1,036
1929.....	1,037	24	1,061
1930.....	1,108	16	1,124

The number of prisoners received at the penitentiary during the fiscal year ending November 30, for the years named, was as follows:

Year	Male	Female	Total
1926.....	508	28	536
1927.....	558	38	596
1928.....	497	38	535
1929.....	532	18	550
1930.....	515	19	534

Disbursements on account of the penitentiary for the year ended November 30, 1928, in detail, and totals by years, are given in separate tables under the heading "Disbursements of State Institutions."

In connection with the penitentiary there are operated several ranches and gardens in which convicts are employed and which supply food products for the prisoners. A dairy herd of 120 head of stock owned by the state fur-

nishes milk and butter, and a fruit and vegetable canning plant is operated each season by the inmates. The method employed for executing prisoners sentenced to death is by hanging. A record of legal executions in the state by years is reported under a separate heading.

The total cost of operating the institution for the two-year period ending November 30, 1930, was \$879,695, of which \$53,862 was in food products raised and consumed and \$10,134 came from the convict labor fund, leaving a net cost to the state of \$815,699. The per capita annual expenditure was \$374.17, based on a daily average population of 1,090.

Of 1,065 prisoners received in the two years ending November 30, 1930, 905 were native born and 160 were foreign born. Forty-five states were represented among the native born, Missouri with 83 having the largest outside of Colorado. Twenty-five foreign countries were listed as birthplaces of the foreign born, Mexico, with 41, having the largest representation, and Jugo-Slavia, with 26, being second. Of the 1,065 prisoners received during the period, 286 were farmers, 145 were laborers, 53 were cooks, 52 were miners, 34 were ranchers, 23 were housewives and the remainder were scattered among more than 150 occupations. Of those received, 559 were sentenced for crimes against property, 338 for crimes against persons and 118 for crimes against property and persons. Three hundred and three of the prisoners received, or almost one-third, were under 25 years of age, 90 were more than 50 years old and 672 were between the ages of 25 and 50 years. Ten prisoners were received for execution and 11 for life. The average minimum sentence was four years, nine months and 16 days and the average maximum sentence was eight years and 22 days. Of the 1,065 prisoners received, 728 were serving their first sentence, 204 their second term, 84 their third, 37 their fourth, 6 their fifth, three their sixth and three their seventh term. Of the total, 434 were single, 496 married, 40 were widowers, five were widows and 90 were separated. Four could read but not write, 61 could neither read nor write, 62 could read and write a foreign language only and 938 could read and write English. Only 119 had received no religious instruction.

HOSPITAL FOR INSANE

The value of the state hospital for the insane at Pueblo on June 30, 1930, as reported by the public examiner, was as follows:

Lands	\$ 203,000
Buildings and improvements...	1,602,500
Machinery	105,000
Tools and equipment.....	52,000
Furniture and fixtures.....	195,000
Libraries, etc.....	600
Autos, etc.....	7,000
General supplies.....	21,452
Livestock	37,471
Rights in lands.....	19,725
Cash	6,000
Total	\$2,254,748

The population of the hospital on November 30, of the years named, was as follows:

Year	Male	Female	Total
1914.....	704	472	1,176
1924.....	1,366	1,059	2,425
1925.....	1,348	1,113	2,461
1926.....	1,441	1,176	2,617
1927.....	1,525	1,225	2,750
1928.....	1,572	1,271	2,843
1929.....	1,586	1,312	2,898
1930.....	1,596	1,348	2,944

The number received during the year ending November 30, for the years named, was as follows:

Year	Male	Female	Total
1925.....	223	159	382
1926.....	259	165	424
1927.....	288	187	475
1928.....	278	181	459
1929.....	266	201	467
1930.....	291	180	471

Disbursements on account of the hospital in 1928, in detail, and totals by years, are given in separate tables under the headings "Disbursements of State Institutions."

There were 938 patients admitted to the hospital in the two years ending November 30, 1930, of whom 557 were male and 381 female. Of the males admitted 151 were laborers, 85 were farmers, 34 were miners, 26 were carpenters, 15 had no occupation, 14 were farm laborers, 12 were railroad employees, 12 were ranchers and the remainder were of diversified occupations. Of the 381 females admitted, 253 were housewives, 32 were housekeepers, 23 had no occupation and 20 were domestics. There were 192, of which 128 were males and 64 females, natives of foreign countries. Of the 557 men admitted during the period 52 were under 25 years of age and 289 were more than 50 years old. There were 105 of the total 70 or more years old. Of the women, 23 were under 25 and 169 were more than 50 years old.

DISBURSEMENTS OF STATE INSTITUTIONS, BY YEARS

(From Report of Public Examiner)

INSTITUTION	1928	1927	1926	1925	1924
Educational:					
Agricultural college.....	\$1,312,323	\$1,382,438	\$1,258,758	\$1,161,255	\$1,152,161
Fort Lewis school.....	120,502	84,596	133,230	119,187	107,402
Alamosa Normal.....	188,650	24,015	8,219	21,616	67,265
School of Mines.....	363,773	298,938	296,018	273,950	280,735
Teachers college.....	645,789	738,917	722,698	587,813	664,759
University.....	2,082,894	1,983,946	1,803,371	2,221,773	2,861,333
Western State college.....	190,170	228,648	262,624	244,841	240,349
Deaf and Blind school.....	250,439	182,122	277,143	173,435	165,601
Total	\$5,054,540	\$4,923,670	\$4,762,061	\$4,803,870	\$5,539,605
Eleemosynary:					
Dependent and Neglected Children.....	\$ 80,039	\$ 99,444	\$ 83,302	\$ 91,353	\$ 116,626
Insane Hospital.....	608,153	639,158	544,263	552,111	510,058
Mental Defectives (Ridge).....	35,324	40,603	83,477	33,135	37,833
Mental Defectives (Grand Junction).....	98,399	100,586	77,377	85,303	71,181
Soldiers' and Sailors' Home.....	98,631	116,195	117,400	132,576	126,773
Workshop for Blind.....	43,183	27,416	29,386	32,298	50,390
Detention Home.....	-----	-----	750	10,694	10,790
Total	\$ 963,729	\$1,023,402	\$ 935,955	\$ 937,470	\$ 923,651
Penal and Reform:					
Penitentiary.....	\$ 478,753	\$ 413,311	\$ 406,931	\$ 405,304	\$ 272,011
Industrial School, boys.....	166,654	163,229	182,451	147,985	195,018
Industrial School, girls.....	62,380	54,844	62,796	55,600	66,501
Reformatory.....	130,703	130,938	109,208	116,781	81,621
Total	\$ 838,490	\$ 762,322	\$ 761,386	\$ 725,670	\$ 615,151
Recapitulation:					
Educational	\$5,054,540	\$4,923,670	\$4,762,061	\$4,803,870	\$5,539,605
Eleemosynary	963,729	1,023,402	935,955	937,470	923,651
Penal and reform.....	838,490	762,322	761,386	725,670	615,151
Grand total.....	\$6,856,759	\$6,709,394	\$6,459,402	\$6,467,010	\$7,078,407

†Includes deficiency for previous years.

Note.—Figures used in above table are for fiscal years ending November 30. Due to change in fiscal year, 1929 figures, which cover only seven months, are not comparable and are omitted.

POPULATION OF STATE INSTITUTIONS

(November 30 of Years Named)

INSTITUTION	1930	1929	1928	1927	1926	1925	1919	1914
Industrial school for boys.....	237	247	274	289	257	193	337	293
Industrial school for girls.....	130	135	125	141	139	125	136	122
Reformatory.....	215	155	159	189	171	222	157	137
Home and training schools:								
Grand Junction.....	263	260	252	254	271	250	•	•
Ridge.....	148	108	89	74	78	80	73	80
Soldiers' and Sailors' Home.....	230	185	160	160	203	219	153	188
Insane hospital.....	2,944	2,898	2,843	2,750	2,617	2,461	1,926	1,176
Penitentiary.....	1,124	1,061	1,036	1,065	958	964	571	352
Workshop for blind.....	27	27	16	16	13	13	18	18
Home for dependent and neglected children	309	198	192	158	135	147	192	236
Totals	5,627	5,274	5,146	5,096	4,842	4,674	3,563	2,602

DISBURSEMENTS OF STATE INSTITUTIONS FOR YEAR ENDING NOVEMBER 30, 1928
(From Report of the Public Examiner)

	Salaries		Maintenance		Equipment		Lands, Bldgs.		Miscellaneous		Total
	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	
Educational :											
Agricultural college-----	\$ 812,725.38	61.9	\$ 305,557.56	23.3	\$ 19,918.52	1.5	\$ 90,602.03	6.9	\$ 83,519.51	6.4	\$1,312,223.00
Fort Lewis-----	45,364.32	37.7	32,337.60	26.8	4,800.00	4.0	38,000.00	31.9	-----	---	120,561.92
Adams Normal-----	50,110.59	82.4	6,999.12	11.5	2,537.92	4.2	1,100.45	1.8	46.00	0.1	60,794.08
School of Mines-----	201,571.20	54.4	88,739.79	24.4	-----	---	24,718.60	6.8	48,743.43	13.4	363,773.02
Teachers college-----	396,739.21	61.4	94,635.44	14.7	17,135.13	2.7	44,878.62	6.9	92,400.87	14.3	645,789.27
University of Colorado-----	1,181,781.90	56.7	621,933.64	29.9	19,238.41	0.9	179,909.09	8.7	79,980.97	3.8	2,082,694.01
Western State-----	125,148.67	65.8	28,386.46	14.9	652.28	0.4	4,694.62	2.4	31,387.52	16.5	190,169.55
Deaf and Blind-----	117,576.84	47.0	51,657.19	20.6	3,432.52	1.4	72,455.14	28.9	5,316.99	2.1	256,438.68
Adams Normal Deficiency-----	-----	0.0	27,856.39	100.0	-----	---	-----	---	-----	---	27,856.39
Total-----	\$2,931,018.11	58.0	\$1,258,103.19	24.9	\$ 67,764.78	1.3	\$ 456,258.55	9.0	\$ 341,395.29	6.8	\$5,054,539.92
Penal and Reform :											
Penitentiary-----	\$ 129,725.29	27.1	\$ 274,173.94	57.3	\$ 25,000.00	5.2	-----	---	\$ 49,853.80	10.4	\$ 478,753.03
Reformatory-----	41,465.56	31.7	72,884.43	55.8	6,120.90	4.7	6,500.00	5.0	3,732.42	2.8	130,703.31
Boys' Industrial School-----	59,220.58	25.5	98,928.28	59.4	1,121.79	0.7	3,945.89	2.4	3,437.25	2.0	166,653.79
Girls' Industrial School-----	25,441.79	40.8	32,851.70	52.7	845.30	1.3	2,113.31	3.4	1,128.26	1.8	62,330.36
Total-----	\$ 255,553.22	30.5	\$ 478,838.35	57.1	\$ 33,087.99	3.9	\$ 12,559.20	1.5	\$ 58,151.73	7.0	\$ 338,490.49
Eleemosynary :											
Dependent and neglected children-----	\$ 28,613.48	35.8	\$ 51,227.12	64.0	-----	---	35.55	---	\$ 163.27	0.2	\$ 80,039.42
Insane asylum-----	210,790.70	34.7	379,200.54	62.4	\$ 1,000.00	0.1	10,944.41	1.8	6,217.63	1.0	608,153.28
Mental defectives, Ridge-----	15,557.92	44.0	19,763.86	56.0	-----	---	-----	---	2.43	---	35,324.21
Mental defectives, Grand Junct'n-----	28,427.55	28.9	67,379.40	68.4	544.20	0.6	2,047.20	2.1	-----	---	98,398.35
Soldiers' & Sailors' Home-----	29,431.02	29.8	50,503.23	51.2	7,005.40	7.1	11,690.64	11.9	-----	---	98,630.29
Workshop for blind-----	18,323.16	42.4	4,041.50	9.4	-----	---	-----	---	20,818.39	48.2	43,183.05
Total-----	\$ 331,143.83	34.4	\$ 572,115.65	59.4	\$ 8,549.60	0.8	\$ 24,717.80	2.6	\$ 27,201.72	2.8	\$ 663,728.60
Recapitulation :											
Educational-----	\$2,931,018.11	58.0	\$1,258,103.19	24.9	\$ 67,764.78	1.3	\$ 456,258.55	9.6	\$ 341,395.29	6.8	\$5,054,539.92
Penal and reform-----	255,553.22	30.5	478,838.35	57.1	33,087.99	3.9	12,559.20	1.5	58,151.73	7.0	338,490.49
Eleemosynary-----	331,143.83	34.4	572,115.65	59.4	8,549.60	0.8	24,717.80	2.6	27,201.72	2.8	663,728.60
Grand total-----	\$3,518,015.16	51.3	\$2,309,057.19	33.7	\$ 109,402.37	1.6	\$ 493,535.55	7.2	\$ 426,748.74	6.2	\$6,856,759.01

INVENTORY OF STATE PROPERTY, JUNE 30, 1930
(From Report of State Auditor)

Institution	Lands	Buildings and Improvements	Machinery, Equipment and Supplies	Furniture and Fixtures	Libraries and Collections	Autos, Trucks and Tractors	Live Stock	Water, Coal and Mineral Rights	Cash on Hand	Total
	\$	\$	\$	\$	\$	\$	\$		\$	\$
Adams Normal school.....	18,614	184,495	3,619	12,733	6,098	912	---	---	3,467	229,938
Fort Lewis School.....	102,400	369,200	48,243	26,081	2,781	14,163	15,237	---	---	578,105
Agricultural college.....	350,000	3,100,000	247,946	127,204	194,133	14,741	48,962	---	107,997	4,190,983
Deaf and blind school.....	45,800	920,722	68,989	66,389	1,500	5,742	---	---	1,000	1,112,838
School of mines.....	136,705	473,876	329,940	106,377	60,801	1,873	---	---	32,062	1,141,634
State university.....	406,086	5,376,277	561,953	267,820	479,159	25,663	---	---	344,904	7,461,612
Teachers college.....	210,000	1,275,433	26,500	324,536	40,000	1,800	---	---	1,000	1,879,269
Western State college.....	8,255	419,942	36,760	50,659	34,079	1,652	---	---	19,532	570,879
Penitentiary.....	75,000	1,250,000	119,000	5,000	200	12,500	26,800	\$	15,326	1,507,826
Reformatory.....	26,775	248,450	35,325	14,000	2,000	9,753	73,000	11,500	1,000	421,808
Industrial school, boys.....	63,175	383,654	70,729	10,398	1,562	6,733	14,439	9,000	3,909	563,599
Industrial school, girls.....	10,500	266,870	28,775	16,375	500	700	1,505	4,950	2,744	333,619
Dependent and neglected children.....	37,500	196,514	27,449	17,780	1,200	1,379	7,650	---	1,738	291,210
Hospital for the insane.....	208,000	1,602,560	178,452	195,000	600	7,000	37,471	19,725	6,000	2,254,748
Mental defectives, Grand Junction.....	18,320	394,124	19,045	60,000	200	2,459	4,800	1,600	1,000	501,548
Mental defectives, Ridge.....	62,279	237,743	14,393	14,556	428	300	3,665	7,700	---	341,064
Soldiers' and Sailors' home.....	37,000	317,233	68,273	27,935	313	7,028	7,000	8,800	---	474,582
Workshop for the blind.....	---	12,000	20,000	1,500	---	---	---	---	153	33,653
Capitol managers.....	1,198,500	7,600,000	126,375	365,557	---	---	---	---	---	9,290,432
Game and fish department.....	150,000	737,550	20,000	2,500	---	11,345	---	---	---	921,395
Highway commission.....	5,000	36,338,809	11,000	20,500	---	535,740	500	---	14,400	36,925,949
Land board.....	46,979,584	---	3,429	11,510	115	1,458	---	100,000,000	167	146,996,263
Military department.....	166,086	846,043	13,409	7,125	150	725	---	---	---	1,033,538
State fair.....	22,500	250,000	5,000	2,000	---	---	---	---	624	280,124
Miscellaneous departments.....	---	---	59,124	64,576	444,268	16,832	---	---	10,154,692	10,789,492
Totals.....	\$50,338,029	\$62,801,535	\$ 2,142,824	\$ 1,819,111	\$ 1,270,087	\$ 677,756	\$ 246,771	\$100,067,275	\$ 10,712,715	\$230,076,103

INVENTORY VALUE OF STATE PROPERTY

(From Reports of State Examiner)

Note.—Another table shows inventory as of June 30, 1930, classified as to institutions and departments.

Classification	June 30, 1930	Nov. 30, 1928	Nov. 30, 1926
Lands	\$ 50,338,029	\$ 45,988,877	\$ 45,015,148
Buildings and improvements.....	62,801,535	57,840,578	55,086,235
Machinery	610,414	651,445	605,796
Tools and equipment.....	1,216,291	1,860,859	1,043,260
Furniture and office equipment.....	1,819,111	1,617,706	1,361,230
Libraries and collections.....	1,270,987	1,364,061	1,261,301
Automobiles, trucks, etc.....	686,756	186,286	173,021
General supplies.....	307,119	292,569	367,729
Livestock	246,771	239,042	204,713
Land, water and mineral rights.....	100,067,275	100,045,748	103,246,680
Cash in funds, institutions and departments.....	10,712,715	7,192,439	4,561,094
Totals	\$230,076,103	\$217,279,610	\$212,916,207

Highways and Highway Revenues

COLORADO has been conducting an aggressive highway construction program for a number of years, which is resulting in giving the state a system of highways comparable with any in the Union. It is estimated that more than \$137,000,000 was expended for this purpose by all agencies in the state from 1910 to 1930, inclusive, covering the building of new roads, maintenance and administrative expenses. This is exclusive of street construction in cities and towns and in the Denver mountain parks system.

The state at the beginning of 1931 had 68,740 miles of state and county roads, according to surveys made by the United States bureau of public roads and the state highway commission. Of the total, 9,234 miles comprise what is known as state highways and 59,506 miles are county roads. The system of state and county highways is divided into the following types of road:

Type	Miles
Hard surfaced.....	399.8
Surfaced with gravel and sand clay	7,188.9
Graded	9,637.7
Unimproved	51,514.3
Total	68,740.7

Some of the roads classed as unimproved have been surfaced to some extent, but not in accordance with the specifications under which the classifications are made. A table published herewith gives the mileage of state and county highways by counties and by classes as of January 1, 1931.

Highway construction and maintenance in the state are carried on

through several agencies. The principal agency is the state highway department, which consists of the governor, the state highway engineer, highway advisory board, and such assistants, clerks and employees as are necessary to comply with the state highway act.

The advisory board consists of one member from each of seven districts into which the state is divided, whose term is for three years and whose successor is appointed by the governor. The administrative head of the state highway department is the state highway engineer. The senior assistant engineer has complete charge of the office and routine problems connected therewith. The assistant engineer has charge of all engineering covering location, design and construction. The maintenance engineer has direct control of all maintenance work, as well as mechanical equipment. The auditor has charge of all accounting. A division engineer, in charge of location and construction, and a maintenance superintendent are assigned to each of the seven divisions.

The personnel of the state highway department is as follows:

STATE HIGHWAY ENGINEER
Charles D. Vail

ADVISORY BOARD

Dist.

- 1 Peter Seerie, Chairman.....Denver
- 2 William Weiser.....Grand Junction
- 3 I. F. Beauchamp.....Trinidad
- 4 E. G. Middlekamp.....Pueblo
- 5 Jefferson H. Davis..Colorado Springs
- 6 L. C. Moore.....Fort Collins
- 7 Frank H. Blair.....Sterling

GENERAL OFFICE

O. T. Reedy.....Senior Assistant Engineer
 J. E. Maloney.....Assistant Engineer
 Robt. H. Higgins.....Supt. of Maintenance
 John P. Donovan.....Maintenance Engineer
 Paul Bailey.....Bridge Engineer
 Roy Randall.....Office Engineer
 John Marshall.....Chief Draftsman
 Edwin Mitchell.....Auditor
 Roy F. Smith.....Chief Clerk

DIVISION ENGINEERS

Div.

1 E. E. Montgomery.....Denver
 2 J. J. Vandermoer.....Grand Junction
 3 J. R. Cheney.....Durango
 4 James D. Bell.....Pueblo
 5 Ernest Montgomery.....Colorado Springs
 6 H. L. Jenness.....Glenwood Springs
 7 A. B. Collins.....Greeley

Owing to geographical conditions and mountain barriers, the highway advisory board districts do not correspond with the engineering and maintenance divisions. There are six of the latter with 10 assistant superintendents of maintenance, the list including the following, with headquarters as indicated:

Div.	Superintendent	Headquarters
1	John Stamm.....	Denver
	Warren T. Murnan.....	Denver
2	George Toupain.....	Grand Junction
	Edwin R. Bowie.....	Grand Junction
3	Joseph Shea.....	Durango
	C. M. Terrel.....	Durango
4	D. N. Stewart.....	Pueblo
5	Robert E. Norvell.....	Limon
6	J. O. Francisco.....	Steamboat Springs
	Frank Drescher.....	Steamboat Springs

The United States bureau of public roads co-operates with the state highway department and maintains a district office in Denver. The federal government joins with the state in the cost of construction of numerous projects and furnishes a large part of the funds used for that purpose. In 1930 the government provided 34.4 per cent of the total revenues of the state highway department, while 56.5 per cent of the total expenditure by the department was on federal aid projects.

The United States forest service constructs numerous roads and trails in and adjacent to the national forests, and expended for that purpose in 1929 a total of \$419,564. This department co-operates with the counties and state in this work and a certain per cent of its revenues from the operation of the forests goes to the counties for road purposes. Additional information on forest road construction will be found elsewhere in this volume under "National Forests."

The boards of county commissioners of the several counties have absolute jurisdiction over the construction and maintenance of county roads. The

funds for this work come out of county revenues. The state highway department does all of the maintenance work on all of the federal aid highways and the counties maintain the remainder of the state highways which are not part of the federal aid system. There are 16 counties which have little or no federal aid road. In these 16 counties the counties maintain the state highways and the state pays one-half of the cost.

The total cost of highway construction in Colorado, exclusive of streets in cities and towns and highways in the Denver mountain park system, as reported by all agencies, was \$12,928,604. County disbursements, as shown by a table published herewith, amounted to \$5,946,793. This item includes, however, \$537,023.98 which was transferred from the state highway fund to county road funds. This item appears in accompanying tables of disbursement, since it was handled by both agencies. After eliminating the duplications, the expenditures were as follows:

By counties.....	\$ 5,409,769
By state highway department.....	7,099,271
By forest service.....	419,564
Total	\$12,928,604

The total expenditures by these agencies, by years, before eliminating the duplications, are as follows:

1925	\$11,538,804
1926	10,248,179
1927	(not compiled)
1928	12,502,418
1929	11,607,043
1930	13,465,628

The figures of the state highway department for 1929 used in this chapter cover 13 months, the fiscal year being changed to the calendar year in order to put the department on the same basis as other states for comparative purposes.

The sources of state highway funds, by years, are shown in a table published herewith, and disbursements by years and classification are given in another table.

The status of state highway funds for 1930 was as follows:

Balance, January 1.....	\$1,330,136
Receipts	6,674,898

Total	\$8,005,034
Disbursements	7,099,271

Balance, December 31.....	\$ 905,763
---------------------------	------------

The following chart shows the division of the dollar as expended by the state highway department in 1930.

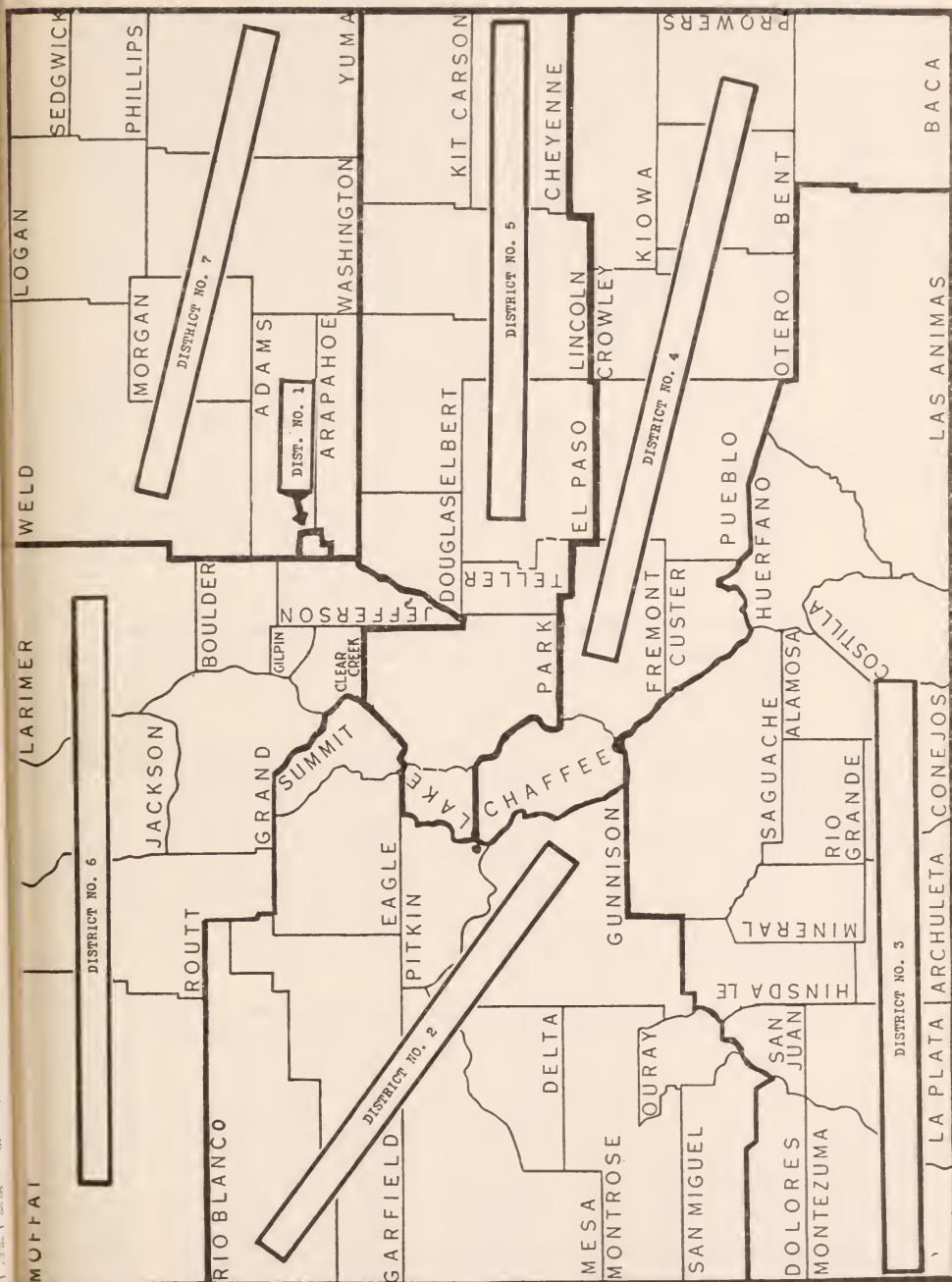
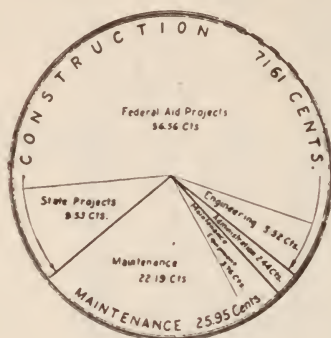


Chart Showing Boundaries of the Highway Districts Having Representation on the Advisory Board

COLORADO STATE HIGHWAY DEPARTMENT
HOW THE HIGHWAY DOLLAR WAS EXPENDED
FOR THE YEAR 1930.



The funds supplied by the government towards the construction of federal aid projects are governed by certain regulations which result in a division of costs that varies on different projects but, as a rule, the government pays about 56.22 per cent of the construction cost of the projects. The state does the locating and engineering work at its own expense, and after a project is approved by the bureau of roads the government stands half the cost, not to exceed \$30,000 a mile.

The federal census reports for 1925 show that the 58,026 farms in the state were located as follows with reference to roads:

Concrete or brick road.....	800
Macadam road.....	71
Gravel road.....	8,051
Improved dirt road.....	24,961
Unimproved dirt road.....	22,245
All other, including not reported..	1,898

Total58,026

The following tables show, among other details of highway financing, the relative importance of federal aid contributions and the cost of constructing federal aid highways.

SOURCES OF STATE HIGHWAY DEPARTMENT FUNDS, BY YEARS

SOURCE	1930	1929*	1928	1927
Taxes:				
Half-mill levy.....		\$ 432,872	\$ 787,946	\$ 762,527
Gasoline tax.....	\$4,171,887	3,908,623	2,665,355	1,740,051
U. S. Government:				
Federal aid.....	2,298,636	1,879,435	1,730,450	1,148,156
Internal improvement.....	75,000	64,300	69,200	70,600
Bus licenses.....	70,999	35,534		
County aid and miscellaneous..	58,376	38,767	62,276	109,800
Total	\$6,674,898	\$6,359,531	\$5,315,227	\$3,831,134

*Figures for 1929 cover thirteen months in order to make fiscal year correspond with the calendar year.

DISBURSEMENTS OF STATE HIGHWAY FUNDS, BY YEARS

PURPOSE	1930	1929*	1928	1927
Federal aid projects.....	\$4,343,773	\$3,218,109	\$3,650,829	\$2,522,026
State projects.....	701,518	547,925	665,702	591,607
Maintenance.....	1,558,698	1,195,481	917,287	852,123
Federal aid renewals.....		140,034		6,559
Maintenance equipment and repairs	236,220	360,185	486,951	
Property and equipment.....	30,388	74,930	28,935	24,756
Surveys	7,914	26,157	31,119	15,824
Road signs and traffic census..	23,042	21,771	6,755	30,532
Administration	172,947	174,024	115,394	101,593
Compensation insurance.....	24,771	10,618	13,030	19,784
Total	\$7,099,271	\$5,769,234	\$5,916,002	\$4,164,804

*Figures for 1929 cover thirteen months in order to make the fiscal year the same as the calendar year.

MILEAGE OF HIGHWAYS IN COLORADO AT BEGINNING OF 1931

(Compiled from Records of U. S. Bureau of Public Roads and State Highway Commission)

COUNTY	State Roads					County Roads*					Total State & County
	Hard Sur- faced	Gravel & Sand Clay	Graded	Unim- proved	Total State	Gravel & Sand Clay	Graded	Unim- proved	Total County		
Adams-----	26.9	65.8	4.4	----	97.1	198.7	244.0	1,016.0	1,458.7	1,555.8	
Alamosa-----	-----	32.7	72.9	8.5	114.1	69.0	----	347.0	416.0	530.1	
Arapahoe-----	13.5	68.6	22.8	----	104.9	97.0	----	400.0	500.0	604.9	
Archuleta-----	----	25.4	77.9	----	103.3	15.0	35.0	356.7	406.7	510.0	
Baca-----	----	16.1	222.5	----	238.6	----	16.0	445.0	461.0	699.6	
Bent-----	6.7	32.0	34.1	----	72.8	----	----	759.0	759.0	831.8	
Boulder-----	32.7	56.0	51.2	----	139.9	61.1	----	630.0	691.1	831.0	
Chaffee-----	----	49.2	44.3	----	93.5	17.0	10.0	229.4	256.4	349.9	
Cheyenne-----	----	89.3	38.3	----	127.6	7.0	73.0	757.0	837.0	964.6	
Clear Creek-----	----	51.9	52.8	3.8	108.5	----	10.0	88.0	98.0	206.5	
Conejos-----	----	38.6	92.0	----	130.6	7.1	----	484.9	492.0	622.6	
Costilla-----	----	43.4	64.4	21.5	129.3	----	13.0	169.0	182.0	311.3	
Crowley-----	----	39.6	24.2	----	63.8	30.0	40.0	724.0	794.0	857.8	
Custer-----	----	8.5	87.0	----	95.5	5.0	----	600.0	605.0	700.5	
Delta-----	----	53.0	66.8	----	119.8	----	35.5	440.0	475.5	595.3	
Denver-----	----	----	----	----	----	----	----	----	----	----	
Dolores-----	----	----	71.5	----	71.5	----	9.6	200.0	209.6	281.1	
Douglas-----	36.4	82.1	35.9	----	154.4	130.0	----	370.0	500.0	654.4	
Eagle-----	----	48.2	71.3	8.9	128.4	10.0	----	251.8	261.8	390.2	
Elbert-----	----	59.2	69.6	----	128.8	----	41.8	1,650.2	1,692.0	1,820.8	
El Paso-----	49.1	121.5	70.6	6.0	247.2	345.7	926.0	1,785.8	3,057.5	3,304.7	
Fremont-----	2.1	80.1	82.7	16.0	180.9	----	12.0	160.0	172.0	352.9	
Garfield-----	----	64.1	84.5	7.5	156.1	----	25.0	1,290.0	1,315.0	1,471.1	
Gilpin-----	----	4.0	32.1	----	36.1	11.0	----	163.0	174.0	210.1	
Grand-----	----	70.6	122.3	0.1	193.0	----	61.0	91.0	152.0	345.0	
Gunnison-----	----	58.7	177.9	21.7	258.3	18.0	----	218.0	236.0	494.3	
Hinsdale-----	----	----	48.6	----	48.6	----	49.0	75.0	124.0	172.6	
Huerfano-----	----	46.9	87.9	6.5	140.3	8.0	----	380.0	388.0	528.3	
Jackson-----	----	68.0	68.1	----	136.1	----	----	256.0	256.0	392.1	
Jefferson-----	22.5	130.2	70.3	17.1	240.1	6.5	184.5	900.0	1,091.0	1,331.1	
Kiowa-----	----	57.4	88.7	----	146.1	48.0	----	615.0	663.0	809.1	
Kit Carson-----	----	103.3	71.5	----	174.8	----	20.0	1,485.0	1,505.0	1,679.8	
Lake-----	----	52.7	22.0	----	74.7	----	----	80.0	80.0	154.7	
La Plata-----	----	72.5	28.9	----	101.4	65.0	25.1	1,400.0	1,490.1	1,591.5	
Larimer-----	23.1	114.8	117.4	1.3	256.6	264.0	153.0	650.0	1,068.2	1,324.8	
Las Animas-----	20.9	91.5	140.8	18.0	271.2	32.7	155.0	5,560.0	5,747.7	6,018.9	
Lincoln-----	----	108.0	212.9	----	320.9	----	38.0	941.0	979.0	1,299.9	
Logan-----	15.7	159.7	----	----	175.4	70.5	37.5	2,490.0	2,598.0	2,773.4	
Mesa-----	5.9	67.8	150.8	----	224.5	18.0	108.0	2,328.0	2,454.0	2,678.5	
Mineral-----	----	3.8	63.3	----	67.1	15.0	----	27.9	42.9	110.0	
Moffat-----	----	39.0	136.8	----	175.8	20.0	20.0	860.0	900.0	1,075.8	
Montezuma-----	----	53.1	84.6	----	137.7	6.2	303.8	800.0	1,110.0	1,247.7	
Montrose-----	----	60.0	158.1	16.2	234.3	7.0	73.2	879.8	960.0	1,194.3	
Morgan-----	35.0	73.5	18.7	9.0	136.2	51.0	192.0	913.0	1,156.0	1,292.2	
Otero-----	15.5	13.4	64.0	----	92.9	43.2	15.0	1,440.4	1,498.6	1,591.5	
Duray-----	----	24.7	24.8	----	49.5	52.0	21.4	192.6	266.0	315.5	
Park-----	----	98.0	86.6	8.7	193.3	----	3.0	270.0	273.0	466.3	
Phillips-----	----	100.4	----	----	100.4	152.0	----	648.0	800.0	900.4	
Pitkin-----	----	----	81.3	6.7	88.0	10.0	----	114.0	124.0	212.0	
Prowers-----	1.7	83.1	108.4	----	193.2	96.5	49.1	580.0	727.0	920.2	
Pueblo-----	30.8	102.7	66.1	----	199.6	200.0	96.0	1,400.0	1,696.0	1,895.6	
San Blanco-----	----	41.5	151.5	13.3	206.3	----	9.0	350.0	359.0	565.3	
San Grande-----	2.1	40.8	43.3	----	86.2	----	----	231.0	231.0	317.2	
Soutt-----	----	38.5	129.0	16.2	183.7	10.0	20.0	1,731.0	1,761.0	1,944.7	
Saguache-----	----	82.8	86.0	----	168.8	61.0	44.0	994.3	1,099.3	1,268.1	
San Juan-----	----	35.1	5.0	4.5	44.6	4.0	----	88.7	92.7	137.3	
San Miguel-----	----	8.3	122.7	12.0	143.0	6.5	5.0	403.0	414.5	557.5	
Seawick-----	----	63.1	9.0	----	72.1	56.0	100.0	444.0	600.0	672.1	
Summit-----	----	11.8	63.0	17.9	92.7	16.0	0.3	21.7	38.0	130.7	
Teller-----	----	52.7	38.2	12.3	103.2	20.8	39.0	202.0	261.8	365.0	
Vashington-----	7.4	154.6	97.8	----	259.8	3.0	49.0	2,802.0	2,854.0	3,113.8	
Veld-----	46.2	228.4	75.1	4.3	354.0	800.0	1,575.0	3,625.0	6,000.0	6,354.0	
Wuma-----	----	241.5	6.0	----	247.5	43.2	99.7	1,452.1	1,595.0	1,842.5	
State-----	394.2	3,981.2	4,601.2	258.0	9,234.6	3,207.7	5,036.5	51,256.3	59,506.1	68,740.7	

This table does not include forest service roads or city streets. *Total includes hard-surfaced county roads, omitted from table to save space, as follows: Arapahoe, 3.0 miles; Larimer, 1.2 miles; Prowers, .4 miles.

COUNTY REVENUE FOR HIGHWAY PURPOSES IN 1930
(Supplied by the United States Bureau of Public Roads)

COUNTY	Balance on Hand	General County Road Taxes	Motor Vehicle Fees	Gasoline Taxes	Transfers to Road Fund	Miscel- laneous	Totals
Adams.....	\$ 11,529.81	\$ 91,676.35	\$ 21,163.10	\$ 17,601.06	\$ 4,195.60	\$ 3,465.48	\$ 149,721.40
Alamosa.....	15,325.62	14,783.81	7,018.78	19,760.02	.....	6,766.69	63,654.92
Arapahoe.....	4,165.74	63,000.00	20,343.39	13,360.95	.....	28,991.94	*134,862.05
Archuleta.....	—4,826.34	9,381.27	1,800.92	16,812.33	.....	3,281.76	26,149.94
Baca.....	18,221.73	.....	11,601.51	41,364.68	21,127.05	.....	92,314.97
Bent.....	3,938.27	39,642.74	6,445.03	12,696.49	.....	5,907.47	68,630.00
Boulder.....	.....	137,711.15	30,577.67	24,091.39	4,938.10	5,835.95	203,154.26
Chaffee.....	5,118.39	8,831.12	5,449.82	16,345.80	6,016.94	2,331.44	44,163.51
Cheyenne.....	27,693.92	6,882.82	3,251.36	22,207.61	5,878.88	608.66	66,343.25
Clear Creek.....	14,916.76	12,394.00	1,335.52	18,943.08	1,545.36	2,742.25	52,436.97
Conejos.....	—10,516.01	15,960.85	5,239.35	22,632.22	3,140.00	2,566.95	39,023.36
Costilla.....	.....	1,796.19	2,923.91	22,567.72	5,499.07	190.35	32,977.24
Crowley.....	32,474.77	.....	4,991.12	11,121.23	30,072.97	914.96	79,575.05
Custer.....	—11,192.06	8,542.63	2,589.44	16,647.01	27,397.22	1,704.00	45,688.24
Delta.....	6,754.31	72,149.75	11,830.24	20,492.10	11,000.00	.....	122,226.40
Denver.....	.....	.....	.....	.....	.....	.....	.....
Dolores.....	2,886.74	6,479.79	759.37	12,463.38	9,250.65	8,521.73	40,361.66
Douglas.....	1,948.02	30,739.64	3,501.75	28,442.98	9,397.50	3,705.90	77,735.79
Eagle.....	—3,447.26	42,133.38	3,334.68	22,417.04	.....	8,104.47	72,542.31
Elbert.....	—7,554.49	45,066.03	5,291.47	22,437.42	3,078.82	1,217.52	69,526.77
El Paso.....	24,730.63	107,802.08	44,727.31	43,094.31	14,356.12	13,590.86	248,301.31
Fremont.....	.....	68,090.22	14,359.87	30,686.40	5,821.19	8,379.44	127,337.12
Garfield.....	10,000.00	66,887.56	7,823.94	27,210.45	.....	17,684.53	129,606.48
Gilpin.....	.....	.....	1,020.00	6,238.03	5,000.00	.....	12,213.03
Grand.....	.....	15,120.75	1,811.61	33,663.89	.....	2,779.47	53,375.72
Gunnison.....	5,282.44	25,550.50	5,615.39	43,329.27	8,354.14	9,404.18	97,535.92
Hinsdale.....	1,481.40	.....	275.69	8,470.76	14,594.39	232.23	25,054.47
Huerfano.....	2,845.58	63,249.33	9,872.63	24,560.99	4,000.00	1,192.16	105,720.69
Huerfano.....	.....	.....	.....	.....	.....	.....	.....
Jackson.....	4,517.32	5,838.51	1,505.03	23,266.00	5,000.00	9,122.90	49,249.76
Jefferson.....	38,033.94	117,332.70	22,436.11	36,243.13	21,220.00	3,928.06	239,253.94

Kiowa.....	5,485.97	51,976.30	4,177.89	25,467.33	3,194.17	2,256.26	*35,131.19
Kit Carson.....	18,840.53		9,065.08	30,470.01			115,802.35
Lake.....	7,869.85	17,630.23	2,647.60	13,021.42	1,098.75	668.48	42,936.33
La Plata.....	46.98	63,760.97	8,270.77	17,481.52	7,456.70	5,574.51	102,591.45
Larimer.....		181,377.39	33,410.53	44,933.56		22,847.98	282,569.46
Las Animas.....	16,092.27	117,880.00	21,943.60	47,221.64	8,969.74	1,783.23	213,890.48
Lincoln.....	6,695.60	45,958.04	6,864.61	55,937.34	5,243.34	†24,594.60	145,293.53
Logan.....		80,493.89	18,397.83	29,664.51		330.00	128,886.23
Mesa.....		83,885.12	20,333.01	38,994.06	12,988.02	8,173.77	164,373.78
Mineral.....	13,708.22	3,516.93	517.95	11,696.47	22,100.68	2,186.77	53,727.02
Moffat.....	13,488.29	32,496.38	3,908.61	32,282.91		16,338.83	90,325.02
Montezuma.....	4,331.24	27,729.45	5,642.06	24,004.36		8,337.05	70,044.16
Montrose.....	8,434.03	8,836.63	8,456.89	41,120.73		5,544.78	102,393.06
Morgan.....		65,000.00	18,244.46	20,986.53		10,000.00	*114,230.99
Otero.....	2,048.50	63,200.73	19,079.65	16,225.32		5,117.95	105,671.45
Ouray.....	2,130.96	10,760.87	1,225.20	8,628.70		3,953.37	26,691.10
Park.....	696.90	12,988.77	2,350.77	37,667.35	2,694.70	4,698.50	61,096.99
Phillips.....	14,019.69	25,537.62	7,473.75	18,308.46			65,311.52
Pitkin.....	9,876.79	8,204.45	12,798.60	15,357.28	8,581.74	7,111.86	43,746.70
Prowers.....	852.00	62,806.62	12,730.36	33,695.02		7,504.08	117,588.28
Pueblo.....		117,260.37	44,000.00	29,000.00		9,200.00	139,460.37
Rio Blanco.....	8,999.05	14,294.96	2,553.62	35,960.98	17,529.07	2,178.35	81,516.03
Rio Grande.....	8,212.38	26,159.64	9,677.08	15,025.84	1,818.07	3,789.39	64,683.00
Rout.....	8,088.63	41,499.68	5,936.37	30,094.12		13,361.18	98,979.83
Saguache.....	1,979.82	32,324.39	5,254.77	29,444.68		5,045.30	74,048.96
San Juan.....	735.84	6,800.00	1,023.42	7,806.59			*16,365.85
San Miguel.....		14,184.69	1,281.39	17,903.22	16,178.96	4,279.66	53,827.92
Sedgwick.....	21,178.90	39,337.07	6,420.87	11,661.36		2,771.66	81,359.86
Summit.....	7,246.48	12,637.53	6,45.81	16,156.61		8,080.21	44,766.64
Teller.....		9,745.99	2,865.85	17,989.18	8,892.42	1,770.39	41,263.83
Washington.....	4,325.96	39,152.96	7,926.92	46,137.84	24,547.47	1,532.46	123,623.61
Weld.....	45,501.98	313,187.71	60,860.13	59,266.82	156,670.60	13,290.13	648,777.37
Yuma.....	9,580.93	50,241.81	12,939.23	43,142.79	18,175.55	2,319.79	136,400.10
State.....	\$ 434,607.02	\$ 2,779,966.34	\$ 626,502.79	\$ 1,586,997.32	\$ 537,023.98	\$ 351,413.59	\$ 6,346,511.04

Minus sign (—) means deficit.

*Estimated, except M. V. Pees and Gasoline Tax represent actual payments to counties by state.

†Lincoln County warrants included in "Miscellaneous."

"Appropriations General Funds" are included in "Transfers to Road Fund," Baca \$21,127.05; Crowley \$15,100.71; Hinsdale \$5,734.07; Jefferson \$15,000.00; Kit Carson \$1,100.00; Rio Blanco \$10,775.50; Weld \$152,800.00.

DISBURSEMENTS BY COUNTIES FOR HIGHWAY PURPOSES IN 1930
(Supplied by the United States Bureau of Public Roads.)

COUNTY	Construction		Maintenance		Adminis- tration Overhead	Bond In- terest and Redemption Fund	Miscel- laneous	Total Disburse- ments	Balance End of Year	Total
	Roads	Bridges	Roads	Bridges						
Adams-----	\$ 650.02	\$ 2,760.43	\$ 52,360.76	\$ 5,520.87	\$ 282.85	---	\$ 51,874.72	\$ 113,449.65	\$ 36,271.75	\$ 149,721.40
Alamosa-----	-----	-----	24,625.89	6,000.00	-----	---	-----	30,625.89	33,029.03	63,654.92
Arapahoe-----	-----	-----	120,362.05	10,000.00	-----	---	-----	130,362.05	4,500.00	134,862.05
Archuleta-----	-----	-----	16,694.00	2,500.00	1,800.00	---	-----	20,994.00	5,545.94	26,449.94
Baca-----	1,500.00	3,050.00	85,514.97	2,250.00	-----	---	-----	92,314.97	-----	92,314.97
Bent-----	-----	-----	62,414.69	6,215.31	-----	---	-----	68,630.00	-----	68,630.00
Boulder-----	2,000.00	2,500.00	169,921.81	3,000.00	4,500.00	*\$20,741.64	490.81	203,154.26	-----	203,154.26
Chaffee-----	1,500.00	600.00	40,394.00	1,200.00	-----	---	-----	44,294.00	-----	44,163.51
Cheyenne-----	5,737.50	1,780.50	20,000.00	3,445.49	350.00	---	12,409.48	43,723.07	22,620.18	66,343.25
Clear Creek-----	-----	-----	42,501.57	2,000.00	-----	---	-----	44,501.57	7,935.40	52,436.97
Conchos-----	-----	-----	27,348.56	2,000.00	-----	---	-----	29,348.56	9,674.80	39,023.36
Costilla-----	-----	-----	28,377.24	4,000.00	-----	---	-----	32,377.24	-----	32,377.24
Crowley-----	10,000.00	-----	50,000.00	1,409.73	-----	---	-----	61,409.73	18,165.32	79,575.05
Custer-----	20,000.00	3,466.39	24,086.12	2,500.00	-----	---	1,362.13	51,414.64	-5,726.40	45,688.24
Delta-----	12,000.00	7,000.00	95,416.79	11,873.68	1,000.00	---	-----	127,290.47	-5,064.07	122,226.40
Denver-----	-----	-----	30,000.00	1,160.17	-----	---	-----	35,660.17	4,701.49	40,361.66
Dolores-----	3,000.00	1,500.00	63,813.44	22,597.84	-----	---	1,559.68	87,970.96	-10,235.17	77,735.79
Douglas-----	-----	-----	-----	-----	-----	---	-----	-----	-----	-----
Eagle-----	-----	-----	62,574.91	2,000.00	-----	---	6,263.10	70,838.01	1,704.30	72,542.31
Elbert-----	-----	-----	98,000.00	4,994.03	-----	---	-----	102,994.03	-33,467.26	69,526.77
El Paso-----	100,000.00	13,311.80	70,000.00	5,541.20	8,778.49	---	31,767.89	229,399.38	18,901.93	248,301.31
Fremont-----	20,000.00	3,000.00	95,028.44	5,000.00	2,118.50	---	2,428.20	127,575.14	-238.02	127,337.12
Garfield-----	-----	-----	108,059.50	10,000.00	5,240.50	---	4,200.00	127,500.00	2,106.48	129,606.48
Gipps-----	3,000.00	2,500.00	4,000.00	1,000.00	1,813.03	---	-----	12,313.03	-----	12,313.03
Gunnison-----	-----	-----	45,553.95	5,000.00	-----	---	-----	50,553.95	2,821.77	53,375.72
Gunnison-----	8,000.00	1,000.00	75,971.04	2,000.00	-----	---	-----	86,971.04	10,564.88	97,535.92
Hinsdale-----	5,304.14	-----	10,155.01	-----	-----	---	8,593.02	24,052.17	1,002.30	25,054.47
Huerfano-----	26,580.00	9,000.00	58,459.04	3,000.00	3,358.00	---	-----	100,397.04	5,323.65	105,720.69
Jackson-----	-----	-----	9,000.00	1,000.00	9,122.90	---	25,452.09	46,216.14	3,033.62	49,249.76
Jefferson-----	50,000.00	1,200.00	130,643.25	11,000.00	7,500.00	---	6,554.10	206,897.35	+32,356.59	239,253.94

Kiowa	29,845.84	1,500.00	---	---	---	3,181.60	---	---	31,345.84	3,785.35	35,131.19
Kit Carson	15,468.25	---	---	---	---	---	---	---	122,135.82	6,333.47	115,802.35
Lake	31,390.74	2,000.00	---	---	---	---	---	---	38,090.74	4,845.59	42,936.33
La Plata	8,562.48	2,272.98	---	---	---	---	---	---	97,605.25	10,968.20	102,591.45
Larimer	150,000.00	5,000.00	---	---	---	---	---	---	264,501.27	18,066.19	282,569.46
Las Animas	125,863.14	13,967.34	---	---	---	---	---	---	213,830.48	---	213,830.48
Lincoln	138,040.65	1,000.00	---	---	---	---	---	---	145,254.77	38.76	145,293.53
Logan	107,482.60	2,000.00	---	---	---	---	---	---	126,437.05	2,449.18	128,886.23
Mesa	124,118.73	5,000.00	---	---	---	---	---	---	159,118.73	5,255.05	164,373.78
Mineral	12,985.29	---	---	---	---	---	---	---	40,060.18	13,666.84	53,727.02
Moffat	30,090.40	3,963.39	---	---	---	---	---	---	76,356.92	13,968.10	90,325.02
Montezuma	63,059.39	1,500.00	---	---	---	---	---	---	300.00	5,184.77	70,044.16
Montrose	50,063.02	4,000.00	---	---	---	---	---	---	102,393.06	---	102,393.06
Morgan	106,730.99	7,500.00	---	---	---	---	---	---	114,230.99	---	114,230.99
Otero	49,129.38	729.20	---	---	---	---	---	---	101,036.20	4,635.25	105,671.45
Ourray	20,569.91	1,000.00	---	---	---	---	---	---	26,691.10	---	26,691.10
Park	50,944.29	1,000.00	---	---	---	---	---	---	61,096.99	---	61,096.99
Phillips	45,000.00	2,500.00	---	---	---	---	---	---	57,584.49	7,727.03	65,311.52
Pitkin	32,647.94	1,500.00	---	---	---	---	---	---	34,665.94	9,080.76	43,746.70
Prowers	42,893.46	2,000.00	---	---	---	---	---	---	117,588.28	---	117,588.28
Pueblo	128,640.15	9,335.14	---	---	---	---	---	---	195,026.02	4,434.35	199,460.37
Rio Blanco	45,532.35	6,500.00	---	---	---	---	---	---	74,614.10	6,801.93	81,516.03
Rio Grande	42,645.04	1,300.00	---	---	---	---	---	---	55,653.91	9,029.09	64,683.00
Routt	50,600.00	3,765.34	---	---	---	---	---	---	90,474.26	8,605.62	98,979.88
Saguache	37,555.00	2,260.12	---	---	---	---	---	---	79,630.23	---	74,048.96
San Juan	15,000.00	865.85	---	---	---	---	---	---	15,865.85	500.00	16,365.85
San Miguel	40,233.90	3,000.00	---	---	---	---	---	---	53,827.92	---	53,827.92
Sedgewick	11,500.00	1,650.00	---	---	---	---	---	---	70,891.08	10,468.78	81,359.86
Summit	10,726.85	1,000.00	---	---	---	---	---	---	35,032.70	9,733.94	44,766.64
Teller	42,000.00	1,933.92	---	---	---	---	---	---	43,933.92	---	41,263.83
Washington	108,320.98	4,000.00	---	---	---	---	---	---	114,191.34	9,432.27	123,623.61
Weld	156,974.86	14,080.00	---	---	---	---	---	---	590,722.40	58,054.97	648,777.37
Yuma	62,000.00	2,279.38	---	---	---	---	---	---	128,807.73	8,092.37	136,400.10
State	\$1,091,922.39	\$293,111.72	---	---	---	---	---	---	\$5,946,793.46	\$369,657.58	\$6,316,451.04

"Bond Interest and Redemption Fund" for Boulder county includes payment of \$20,083.09 deficit in 1929. †Estimated. — Indicates deficit.

MOTOR VEHICLE LICENSES

There were 276,847 motor vehicle licenses for passenger cars and 31,662 for trucks issued in Colorado in 1930 through the office of the secretary of state, the registration agency for the state. This was an increase of 2,887, or 1.05 per cent in passenger cars and 3,161, or 11.09 per cent in trucks in 1930 as compared with 1929. The increase in passenger cars in 1929 over 1928 was 5.39 per cent and in trucks 18.95 per cent, and in 1928 showed an increase over 1927 of 6.05 per cent in passenger cars and 2.46 per cent in trucks.

Each year since 1913 has shown an increase in the number of licenses issued for passenger cars and trucks and in the amount of fees collected. The only class showing a decrease is motorcycles. The number of motorcycles licensed in 1916, when the peak was reached, was 4,731. Up to that year there had been a steady increase in motorcycles, but from 1916 on the number decreased to 1,059 in 1930.

Registration fees have increased proportionately with the increase in the number of licenses issued, the total collections in 1913 being \$60,833 and in 1930, \$1,901,220. The total receipts for the period 1913-1930, inclu-

sive, were \$16,782,920. After deducting the cost of administration, the motor vehicle license fees are divided equally between the state highway department for state highway purposes and counties for local road purposes.

There were 7.8 persons per passenger car in the state in 1920 and 3.7 persons per car in 1930.

Commencing in 1932, the system of licensing cars in Colorado will be changed, and thereafter each county will be indicated by an initial number, followed by the number of each particular license from 1 up to the maximum for that county. The identifying key numbers will be as follows:

1, Denver; 2, Pueblo; 3, Weld; 4, El Paso; 5, Las Animas; 6, Larimer; 7, Boulder; 8, Mesa; 9, Otero; 10, Arapahoe; 11, Jefferson; 12, Adams; 13, Logan; 14, Fremont; 15, Morgan; 16, Huerfano; 17, Prowers; 18, Delta; 19, Yuma; 20, La Plata; 21, Montrose; 22, Baca; 23, Rio Grande; 24, Garfield; 25, Conejos; 26, Kit Carson; 27, Washington; 28, Routt; 29, Bent; 30, Alamosa; 31, Chaffee; 32, Montezuma; 33, Lincoln; 34, Elbert; 35, Saguache; 36, Crowley; 37, Phillips; 38, Costilla; 39, Sedgwick; 40, Gunnison; 41, Lake; 42, Moffat; 43, Teller; 44, Eagle; 45, Kiowa; 46, Cheyenne; 47, Douglas; 48, Archuleta; 49, Rio Blanco; 50, San Miguel; 51, Clear Creek; 52, Custer; 53, Grand; 54, Park; 55, San Juan; 56, Ouray; 57, Pitkin; 58, Dolores; 59, Jackson; 60, Gilpin; 61, Summit; 62, Mineral; 63, Hinsdale.

REGISTRATION AND RECEIPTS BY YEARS SINCE STATE ASSUMED CONTROL OF LICENSING

YEAR	Passenger Cars	Trucks	Motorcycles	Drivers	Total Receipts
1913	13,135	*	2,753	1,980	\$ 60,833.00
1914	17,756	*	3,683	2,058	80,047.00
1915	27,568	*	4,268	3,536	120,800.84
1916	43,296	*	4,731	6,754	197,794.75
1917	66,850	*	4,505	9,291	297,292.21
1918	83,244	*	3,872	9,686	372,490.25
1919	104,885	*	3,636	10,291	491,713.36
1920	119,964	7,585	3,364	9,814	815,100.10
1921	136,336	9,403	2,868	7,340	906,059.27
1922	151,499	10,829	2,770	7,058	991,677.22
1923	175,669	13,287	2,473	7,736	1,126,218.55
1924	197,361	15,886	2,226	7,559	1,258,204.80
1925	221,513	18,584	1,862	7,776	1,430,299.47
1926	232,308	20,905	1,480	7,162	1,507,379.19
1927	245,107	23,385	1,362	7,664	1,600,221.73
1928	259,948	23,961	1,234	7,977	1,790,182.73
1929	273,960	28,501	1,142	7,916	1,835,385.53
1930	276,847	31,662	1,059	7,296	1,901,219.94
Total	\$16,782,919.94				

*Trucks included with passenger cars for these years.

MOTOR VEHICLE REGISTRATION AND FEES COLLECTED, 1930, BY COUNTIES

(From the records of the Secretary of State)

COUNTY	Owners	Trucks and Trailers	Dealers	Motor- cycles	Drivers	Permits, Re-issues and Misc.	Guests	Fees Collected
Adams-----	6,280	1,248	43	6	176	1,447	28	\$ 47,335.21
Alamosa-----	2,186	333	46	10	31	440	18	15,416.61
Arapahoe-----	6,933	656	81	37	206	1,380	75	44,120.18
Archuleta-----	486	68	3	2	9	119	3	3,263.62
Baca-----	2,850	647	16	8	6	488	50	22,603.26
Bent-----	2,188	227	20	5	8	354	15	14,158.50
Boulder-----	10,281	1,067	154	49	224	3,992	1,172	68,925.66
Chaffee-----	1,851	159	48	3	33	340	11	12,092.51
Cheyenne-----	1,014	143	22	5	19	177	10	6,990.54
Clear Creek-----	637	60	7	2	27	105	20	4,251.93
Conejos-----	1,449	242	14	2	18	125	0	10,108.25
Costilla-----	760	105	3	3	10	71	0	4,954.02
Crowley-----	1,638	240	21	3	9	400	10	11,117.35
Custer-----	548	144	0	1	5	109	6	4,679.18
Delta-----	3,620	611	70	9	36	517	44	25,657.74
Denver-----	79,500	5,284	982	390	3,719	28,071	3,327	538,338.81
Dolores-----	240	39	0	1	3	28	0	1,659.39
Douglas-----	1,165	120	7	0	23	167	12	7,578.85
Eagle-----	926	117	2	2	28	152	15	6,043.16
Elbert-----	1,785	205	22	5	5	225	10	11,732.41
El Paso-----	15,018	981	161	58	387	3,041	4,036	100,492.09
Fremont-----	4,789	508	96	10	47	663	49	31,993.62
Garfield-----	2,298	285	40	3	76	317	19	15,880.77
Gilpin-----	334	30	0	1	8	56	2	2,046.88
Grand-----	632	108	9	1	7	73	25	3,938.99
Gunnison-----	1,269	82	24	2	24	217	10	7,425.57
Hinsdale-----	82	16	1	0	4	10	0	621.77
Huerfano-----	3,500	265	54	4	22	431	13	21,877.18
Jackson-----	489	63	10	0	3	64	0	3,230.46
Jefferson-----	6,880	742	34	33	173	1,100	30	45,559.71
Kiowa-----	1,099	154	7	4	4	207	0	7,476.24
Kit Carson-----	2,703	519	41	4	77	484	11	19,885.38
Lake-----	1,011	22	19	1	65	117	6	5,707.12
La Plata-----	2,837	256	51	9	146	391	11	18,504.71
Larimer-----	10,527	1,360	128	47	174	3,970	299	73,027.07
Las Animas-----	6,885	703	93	23	203	1,112	30	47,130.21
Lincoln-----	2,150	353	31	3	10	430	4	15,176.33
Logan-----	5,695	1,145	54	18	48	1,232	49	41,565.39
Mesa-----	6,835	733	94	21	86	1,040	31	44,720.76
Mineral-----	175	21	0	0	1	24	0	1,126.22
Moffat-----	1,192	162	24	1	24	123	3	8,428.27
Montezuma-----	1,694	268	35	3	31	279	6	12,480.49
Montrose-----	2,776	355	52	1	18	384	23	18,468.90
Morgan-----	5,396	1,024	80	13	61	1,022	16	39,579.75
Otero-----	6,332	812	96	35	35	1,910	0	42,729.02
Ouray-----	402	40	0	2	23	31	5	2,446.92
Park-----	634	105	12	1	6	85	3	4,606.13
Phillips-----	2,026	479	31	5	6	543	0	16,074.93
Pitkin-----	305	18	1	0	9	23	2	1,753.22
Prowers-----	4,261	447	83	6	46	767	43	28,110.53
Pueblo-----	15,550	1,353	231	133	272	3,165	372	101,734.93
Rio Blanco-----	690	78	7	1	16	75	0	4,552.92
Rio Grande-----	2,647	621	38	2	87	524	11	21,338.30
Routt-----	2,206	206	39	1	29	308	18	13,150.57
Saguache-----	1,427	236	8	0	24	267	0	9,371.89
San Juan-----	350	15	2	1	12	74	4	2,165.96
San Miguel-----	416	57	3	0	11	50	2	2,921.98
Sedgwick-----	1,779	441	36	5	16	272	7	14,159.48
Summit-----	278	12	1	2	7	38	2	1,430.93
Teller-----	982	100	15	5	11	127	4	6,171.36
Washington-----	2,306	519	36	1	18	353	5	17,562.78
Weld-----	17,813	3,731	180	42	278	6,803	664	135,244.75
Yuma-----	3,840	710	41	14	96	817	10	28,322.23
Totals-----	276,847	*31,850	†3,564	1,059	7,296	†71,726	10,651	\$1,901,219.94

*Includes 31,662 trucks and 188 trailers. †Includes 3,474 auto dealers, 79 truck dealers and 11 motorcycle dealers. ‡Includes 39,087 motor vehicle re-issues, 2,722 replacements, 28,200 special permits and 1,717 special engine numbers.

GASOLINE CONSUMPTION, TAX AND DISTRIBUTION

Colorado commenced the collection of a tax of one cent a gallon on gasoline to provide revenues for highway construction on May 11, 1919. This tax was increased to two cents a gallon on April 30, 1923, 50 per cent of the amount collected going to the state highway fund and the remaining 50 per cent being apportioned among the counties according to the mileage of state highways. On May 1, 1927, the tax was increased to three cents a gallon and the division of revenues changed so that 70 per cent went to the highway fund and 30 per cent to the counties. The tax again was increased to four cents in 1929, 70 per cent going to the state highway fund, 27 per cent to the counties for highway purposes, and three per cent into a special highway fund for construction and maintenance purposes in cities and towns. Dealers pay the tax direct to the state inspector.

Collections, tax only, exclusive of inspection fees, for calendar years were as follows:

		% Increase Over Previous Year
1919 (\$ mos.).....	\$ 274,401	....
1920	458,395	67.1
1921	566,570	23.6
1922	644,912	13.8
1923	922,643	43.1
1924	1,773,362	92.2
1925	1,845,471	4.1
1926	2,169,456	17.6
1927	3,272,537	50.8
1928	4,115,299	25.8
1929	5,560,348	35.1
1930	6,642,208	19.5
Total	\$28,245,602	....

Gasoline consumption in Colorado by years, as reported by the state oil inspector, was as follows:

Year	Gallons	Per Ct. Inc. Over Former Yr.
1913.....	5,860,855	....
1914.....	10,372,238	76.97
1915.....	14,482,629	39.63
1916.....	19,988,001	38.01
1917.....	29,879,153	49.49
1918.....	32,800,910	9.78
1919.....	42,361,550	29.15
1920.....	51,917,098	22.56
1921.....	60,390,692	16.32
1922.....	65,891,200	9.11
1923.....	75,258,403	14.22
1924.....	94,031,766	24.95
1925.....	98,741,301	5.01
1926.....	112,380,309	13.81
1927.....	128,304,024	14.16
1928.....	142,027,665	10.69
1929.....	155,507,842	9.49
1930.....	170,855,026	9.86

Colorado was the source of supply for 18,171,350 gallons of the 170,855,026 gallons of gasoline, or 10.63 per cent of the total, consumed in the state in 1930, according to the records of the state inspector of oils. In addition, 1,012,177 gallons was exported out of the state during the year. An accompanying table gives the source of Colorado's gasoline supply by states and years. The following table shows the quantity Colorado supplied by years and the per cent of the state's total consumption:

Year	Quantity (Gals.)	Per Cent of Total Consumption
1915.....	332,168	2.29
1916.....	395,035	1.98
1917.....	3,346,823	11.87
1918.....	5,701,883	17.38
1919.....	6,454,277	15.24
1920.....	6,610,291	12.73
1921.....	5,222,884	8.65
1922.....	7,019,477	10.65
1923.....	7,010,704	9.32
1924.....	10,282,726	10.94
1925.....	5,659,669	5.73
1926.....	9,555,417	8.50
1927.....	15,465,893	12.05
1928.....	18,164,163	12.79
1929.....	19,029,208	12.24
1930.....	18,171,350	10.64

Refunds by calendar years of taxes on gasoline used for agricultural, industrial, contractors and aviation purposes and by the United States government are as follows:

Year	Amount
1924	\$ 33,167
1925	31,628
1926	63,261
1927	143,919
1928	265,709
1929	412,410
1930	630,231

The average consumption of gasoline in gallons in Colorado per motor vehicle registered has shown a steady increase from an average of 408.1 gallons in 1925 to 551.9 gallons in 1930. The state inspector of oils credits this increase to a large increase of bus lines, heavy truck lines, taxicabs, closed cars and the general use of tractors and gasoline-operated machinery. The lowest average gasoline consumption per registered motor vehicle in the 17 years ending with 1930 was 376.5 gallons in 1918 and the highest was 551.9 gallons in 1930.

An accompanying table shows gasoline consumption and road taxes distributed, by counties, for 1929 and 1930. Another gives the amounts of the tax distributed to counties and to the general and special highway funds by years.

GASOLINE CONSUMPTION BY AND TAX DISTRIBUTION TO COUNTIES

(From Reports of the State Oil Inspector)

COUNTY	Gallons Consumed		Road Tax Distributed	
	1930	1929	1930	1929
Adams	3,250,700	1,919,932	\$ 16,995.83	\$ 15,497.42
Alamosa	2,451,279	1,811,526	19,971.43	16,597.72
Arapahoe	2,097,994	2,153,141	18,360.98	16,453.63
Archuleta	211,995	166,506	18,081.02	16,485.67
Baca	3,848,286	2,530,633	41,535.61	37,870.30
Bent	1,256,740	1,105,993	12,742.45	11,698.75
Boulder	6,555,376	6,108,256	24,469.81	18,847.82
Chaffee	3,841,581	3,881,886	16,383.13	14,938.54
Cheyenne	982,450	803,789	22,299.39	20,332.36
Clear Creek .....	.....	.....	18,991.12	17,316.71
Conejos	550,104	457,608	22,859.31	19,182.57
Costilla	291,401	420,760	22,649.34	20,795.19
Crowley	828,599	714,522	11,167.14	10,182.18
Custer	195,941	183,487	16,715.75	15,241.27
Delta	1,506,577	1,504,200	20,864.13	18,863.83
Denver	50,091,295	48,580,075	.....	.....
Dolores	15,368	139,873	12,514.86	11,410.57
Douglas	656,116	528,158	28,565.52	26,044.89
Eagle	322,863	231,381	22,509.36	20,524.48
Elbert	1,151,516	889,948	22,544.47	20,252.31
El Paso	10,037,736	9,481,726	43,268.46	39,498.92
Fremont	2,444,452	2,197,991	30,665.97	27,960.27
Garfield	1,877,136	1,572,207	27,322.82	24,912.60
Gilpin	88,807	79,182	6,318.83	5,763.61
Grand	741,101	604,347	33,799.07	30,865.32
Gunnison	352,714	326,258	43,250.91	36,898.07
Hinsdale .....	.....	.....	8,506.64	7,757.48
Huerfano	2,233,828	1,879,135	24,662.46	22,486.40
Jackson	299,707	300,875	23,822.12	21,720.84
Jefferson	584,442	510,451	39,750.20	36,243.13
Kiowa	851,001	688,999	25,572.56	23,316.00
Kit Carson	2,697,572	2,359,912	30,595.90	27,896.24
Lake	679,558	569,677	13,075.10	11,922.89
La Plata	754,145	637,277	17,731.01	16,166.92
Larimer	6,406,084	6,118,323	45,018.75	41,047.49
Las Animas	3,688,960	3,897,652	47,416.68	43,233.54
Lincoln	2,045,915	1,905,076	56,168.46	51,212.22
Logan	4,144,281	3,658,557	29,668.27	27,178.70
Mesa	3,470,604	3,196,979	39,295.20	34,039.07
Mineral	55,525	76,381	11,744.74	10,709.07
Moffat	1,152,340	1,056,120	32,416.22	29,556.88
Montezuma	427,500	346,907	24,102.25	21,991.56
Montrose	1,327,940	1,118,489	41,290.60	37,647.67
Morgan	3,796,778	3,534,901	20,986.53	18,641.15
Otero	3,955,455	3,439,619	16,278.11	15,018.59
Ouray	32,476	25,176	8,664.19	7,901.58
Park .....	.....	.....	37,667.35	34,343.78
Phillips	2,263,026	1,816,681	18,308.46	16,693.79
Pitkin	58,799	45,958	15,420.53	14,062.37
Prowers	3,219,006	2,904,740	33,834.19	30,849.28
Pueblo	9,407,953	8,785,138	33,956.61	30,945.35
Rio Blanco	40,368	40,519	36,109.56	32,923.28
Rio Grande	1,975,839	1,440,210	15,087.91	13,756.73
Routt	935,684	784,628	30,263.43	27,034.61
Saguache	817,947	936,444	29,545.80	27,194.71
San Juan	83,225	69,193	7,806.59	7,087.97
San Miguel	69,796	71,372	25,047.27	22,837.15
Sedgwick	1,597,545	1,443,755	12,637.43	10,516.93
Summit .....	.....	.....	16,225.60	14,778.45
Teller	391,371	287,745	18,063.49	16,469.65
Washington	1,193,506	1,021,321	46,349.05	42,003.72
Weld	12,006,918	10,193,698	59,511.61	54,261.31
Yuma	2,541,805	1,952,549	43,320.99	39,498.91
Totals	170,855,026	155,507,842	\$1,610,768.57	\$1,455,430.41

DISTRIBUTION OF GASOLINE TAXES

Note.—Amounts given are those distributed to the various agencies by the state auditor and do not show total taxes collected or balances on hand.

Year	To Counties	To Highway Fund	To Special Fund
*1927	\$1,505,651	\$1,740,651	.....
*1928	1,122,438	2,665,355	.....
1929	1,455,430	3,719,623	\$ 103,969
1930	1,603,082	4,171,888	178,531

*For fiscal year ending November 30. Others are for calendar years.

SOURCES OF COLORADO'S GASOLINE SUPPLY, BY YEARS
(From State Oil Inspector's Reports; in Gallons)

	1930	1929	1928	1927	1926
Arkansas	38,509	.....	.....	.....	.....
California	47,282	.....	.....	41,055	187,409
Colorado	18,171,350	19,029,208	18,164,163	15,465,893	9,555,417
Kansas	30,866,498	23,998,336	18,491,680	14,135,557	6,844,453
Missouri .....	.....	.....	.....	.....	.....
Nebraska	166,991	111,438	129,657	95,105	35,539
New Mexico	2,798,901	2,382,770	2,617,796	2,314,029	2,014,429
Oklahoma	34,568,177	31,802,699	26,082,400	29,875,514	19,276,048
Texas	17,966,408	5,840,205	2,409,842	1,673,332	945,848
Utah	194,836	30,195	24,419	409,386	101,459
Wyoming	66,036,074	72,259,543	74,107,708	64,294,153	73,419,707
Louisiana .....	.....	53,448	.....	.....	.....
Totals.....	170,855,026	155,507,842	142,027,665	128,304,024	112,380,309

Federal Operations in Colorado

DENVER is the center from which numerous activities of the United States government in western states are conducted and has the largest representation of the government of any city in the country with the exception of the capital city of Washington. This has led to the frequent characterization of Denver as the western capital of the United States. A survey made by the immigration department in 1927 shows that there are 75 departmental, district and local agencies of the federal government in Colorado, counting all the postoffices in the state as a single unit, most of which have their headquarters in or adjacent to Denver.

There are under the jurisdiction of the Colorado agencies 7,418 salaried officials and employes, of which 6,922 are located within the state. These figures are exclusive of several departments, such as the secret service, which are forbidden by regulations to give out information of this nature, and of more than 1,000 seasonal em-

ployes. There is published in this volume a table giving the names of the various governmental agencies, location, headquarters and number of officials and employes.

The value of federal government property in Colorado is estimated at approximately \$727,004,741. Wherever possible, official figures were used in making this estimate and where such figures were not available the amount was computed on the basis of value of similar property for taxation purposes, or fixed by private ownership. These estimates are as follows:

National forests.....	\$ 70,000,000
Reclamation projects.....	11,000,000
Unappropriated land.....	12,041,202
Land filed upon but not patented	3,283,569
Coal land (reserved and classified)	523,450,000
Oil reserves.....	2,189,000
Oil shale land (reserves and classified)	50,840,000
Buildings	24,156,053
Parks and monuments.....	1,500,000
Power, water, reservoir, etc.	25,000,000
Indian property.....	3,544,917
Total.....	\$727,004,741

The method of arriving at these estimates is given in detail in the chapter, "Taxable and Non-taxable Property," published elsewhere in this volume.

The area, location, and value of these various holdings are given in more detail in other chapters in this volume.

The total expenditures of the federal government in Colorado in the fiscal year ending June 30, 1926, the only year for which such a compilation has been made, aggregated \$21,545,903, and receipts from all sources, \$23,565,513. There is published in connection herewith a table giving these expenditures and receipts in detail. Buildings of the government in and adjacent to Denver, with their estimated value, are as follows:

Fitzsimons general hospital (160 bldgs.).....	\$10,000,000
Postoffice and federal court- house	3,000,000
Mint	4,000,000
Customs house (old).....	1,000,000
Customs house (new).....	947,900
Army post (Fort Logan, 136 bldgs.)	1,300,000
Total.....	\$20,247,900

The above table does not include postoffice buildings and sites in various cities and towns of the state, which are included in a table published elsewhere covering operations of the postoffice department.

Information concerning federal operations in Colorado is given in more detail under sub-headings in this chapter.

PENSION AND COMPENSATION PAYMENTS

The United States government distributed \$6,628,968 in Colorado in the fiscal year ended June 30, 1930, in pensions and death and disability compensation to survivors or dependents of veterans of the wars in which the country has engaged. The aggregate payments between 1918 and 1930, inclusive, amounted to \$66,058,263.

There were 5,115 persons in Colorado on the pension roll of the government on June 30, 1930, a decrease during the fiscal year of 1930. The pensions paid during the year aggregated \$2,291,640, a decrease of \$93,135 from the aggregate for the preceding year. The aggregate amount paid out in pensions in Colorado for the years 1918 to 1930, inclusive, was \$30,603,745. These include survivors or dependents of veterans of the civil war,

the war with Spain, the Indian wars and the regular establishment who receive pensions through the bureau of pensions of the United States department of the interior. The last survivor of the war with Mexico, Owen Thomas Edgar, died at the John Dickson Home, Washington, D. C., on September 3, 1929. He was born June 17, 1831. There are no survivors of the war of 1812, though 10 widows of veterans are upon the roll, none of whom resides in Colorado.

Veterans of the world war and their widows receive compensation through the United States veterans bureau. Of these there were 914 cases on which payments were being made in Colorado on June 30, 1930, on account of which approximately \$352,847 was disbursed during the fiscal year. This was an increase of 37 in number and \$45,287 in amount, compared with the preceding year. There were 5,257 veterans receiving disability compensation on June 30, 1930, compared with 5,319 at the end of 1929, and the approximate disbursements during the fiscal year were \$3,984,491, a decrease of \$88,605 compared with the preceding year.

In addition to the number receiving pensions and disability compensation on June 30, 1930, there were 115 persons in the state who had retired from government service and were receiving annuities, an increase of 24 during the fiscal year.

The following table shows the number of pensioners in Colorado on June 30 of the year given and the amounts paid through the bureau of pensions:

Year	Number	Amount
1918	6,369	\$1,769,946
1919	6,328	2,252,895
1920	6,002	2,160,440
1921	5,640	2,577,818
1922	5,296	2,460,019
1923	6,105	2,933,758
1924	5,837	2,356,452
1925	5,711	2,237,270
1926	5,590	2,352,265
1927	5,450	2,420,010
1928	5,432	2,406,457
1929	5,278	2,384,775
1930	5,115	2,291,640
Total.....		\$30,603,745

The following table shows the number of cases on which death compensation was being paid on June 30 of the year named by the Veterans bureau, and the approximate amount of the disbursements:

Year	Number	Amount
1919	222	\$ 43,226
1920	389	191,203
1921	431	159,289
1922	465	150,055
1923	501	167,985
1924	532	177,656
1925	645	249,041
1926	782	309,977
1927	823	291,474
1928	841	299,421
1929	877	307,560
1930	914	352,847
Total		\$2,699,734

The following table shows the number of cases on which disability compensation was being paid on June 30 of the year named, and the amount:

Year	Number	Amount
1919	635	\$ 117,037
1920	3,420	2,016,193
1921	3,943	2,570,875
1922	4,428	2,648,697
1923	4,764	2,777,173
1924	4,659	2,498,529
1925	4,977	2,445,848
1926	5,326	3,132,061
1927	5,452	3,225,785
1928	5,571	3,265,999
1929	5,319	4,072,096
1930	5,237	3,984,491
Total		\$32,754,784

Recapitulation of amounts paid out as shown by the above tables is as follows:

Pensions	\$30,603,745
Death compensation	2,699,734
Disability compensation	32,754,784
Total	\$66,058,263

FEDERAL LAND AND JOINT STOCK BANKS

Two agencies for making loans to farmers under the supervision of the federal farm loan board, a bureau of the United States treasury department, operate in Colorado. One of these is the Federal Land Bank of Wichita, Kansas, and the other is the Denver Joint Stock Land Bank of Denver. District No. 9, served by the Federal Land Bank, includes the states of Colorado, Kansas, Oklahoma and New Mexico, and the Denver Joint Stock Land Bank's territory embraces Colorado and Wyoming. While under the supervision of a bureau of the treasury department, these banks do not make "government loans," but are financed independently by the sale of bonds secured by farm mortgages and approved by the farm loan board, and by sale of stock as hereinafter stated.

The Federal Land Bank operates in

connection with National Farm Loan associations, organizations composed of borrowers, the loans to individual members of the associations being limited to a maximum of \$25,000 and borrowers must have aggregate loans of not less than \$20,000 to form an association. Each borrower must be the owner-operator of the farm offered as security and must subscribe for association stock to the amount of five per cent of his loan, which the association invests in stock of the Federal Land Bank. He shares proportionately in the profits of the association during the period of his loan, and upon the payment of his loan his stock is retired at its value, not to exceed par. All the mortgages and notes of members of an association must be indorsed by the association. Loans are made at rates not over one per cent higher than the interest rate on the last issue of bonds made by the bank prior to executing the loan. The bank sets aside 25 per cent of its profit each year for a reserve fund, and has been declaring four per cent dividends semi-annually.

While the capital stock of federal land banks is sold only to associations of borrowers, the joint stock land banks are financed much in the same way as any other bank or industrial corporation. The contact between the farmer and the banks may be made either by applying to the nearest farm loan association, or direct to the joint stock bank for the district in which he resides.

There was in Colorado on January 31, 1931, a total of 117 national farm loan associations. From the beginning in April, 1917, to January 31, 1931, a total of 11,032 loans, aggregating \$34,802,600, had been made by the Federal Land Bank in Colorado. Of these 2,054, aggregating \$5,850,700, had been paid in full and cancelled, and 8,978 loans, aggregating \$28,951,900, were in force on the date named.

The Federal Land Bank has disposed of 307 farms acquired through foreclosure of loans in Colorado, of which 109 were sold for a gain of \$43,020.47 and 196 were sold for a loss of \$198,167.08, and two were sold for investment, the net loss being \$155,146.61. It owns 50 judgments for \$176,284.24, and 96 farms valued at \$295,434.33.

Joint stock land bank loans in Colorado up to February 28, 1931, aggregated \$13,713,607.78.

FEDERAL EXPENDITURES AND RECEIPTS IN COLORADO

The secretary of the interior, whose department is responsible for the administration of the public lands, compiled a statement showing the principal expenditures made by the federal government during the fiscal year ending June 30, 1926, in the 20 public land states. The statement also shows payments to the federal government from these states for services rendered.

The statement shows that the federal government spent \$509,209,985 in these 20 public land states during the year for direct services performed within the respective states, while \$197,734,690 was collected in the states. The difference between expenditures and receipts was \$311,475,293, or a ratio of about one dollar contributed by the states for every \$2.50 expended therein by the federal government.

Expenditures in Colorado, as shown by this statement, amounted to \$21,545,903, and the receipts were \$8,523,523, the difference being \$13,022,379. Colorado ranked ninth among the 20 states both in expenditures and receipts. Such fiscal items as income-tax and customs receipts, which were collected for general governmental purposes, are excluded. Statistics of income-tax receipts, for example, the statement says, show collections according to the residence of taxpayers and not according to localities responsible for the income going to individuals who make the payments.

However, since income-tax receipts of foreign corporations and individuals paid in other states, but operating in Colorado, probably will offset the condition mentioned, these items are included in the following table for the purpose of bringing together as near as possible all expenditures and receipts of the federal government in the state:

Receipts	\$ 8,523,523.67
Internal revenue.....	14,830,350.29
Customs receipts.....	211,639.57

Total receipts.....	\$23,565,513.53
Expenditures	21,545,903.31

Excess receipts over expenditures	\$ 2,019,610.22
---	-----------------

A table showing the expenditures and receipts for Colorado, by departments, compiled from the secretary of the interior's statement, has appeared in previous editions of this work.

U. S. INTERNAL REVENUE

United States internal revenue taxes in Colorado are collected through the commissioner of internal revenue of the treasury department. The Colorado district comprises the state of Colorado, and the collector's office for the district is at Denver. Tax receipts are credited to the districts in which the collections are made. Receipts in the various districts do not indicate the tax burden of the respective districts, since the taxes may be eventually borne by persons in other districts. Repeal of laws imposing taxes on various classes of business and changes in rates account largely for variations in the amounts.

Total revenue receipts from all sources for the Colorado district by the fiscal years ending June 30 are as follows:

Year	Amount
1921	\$34,214,956
1922	19,956,650
1923	15,988,678
1924	15,228,016
1925	14,215,162
1926	14,830,350
1927	13,473,226
1928	11,879,300
1929	11,539,236
1930	12,468,450

Income tax receipts for the Colorado district by years are as follows:

Year	Corporation	Individual	Total
1921 ....	.....	.....	\$25,085,243
1922 ....	.....	.....	14,545,633
1923 ....	.....	.....	10,920,851
1924 ....	.....	.....	11,543,616
1925	\$7,595,438	\$4,145,230	11,740,668
1926	7,740,854	4,234,848	11,975,702
1927	8,969,799	3,686,845	12,656,645
1928	7,923,577	3,528,993	11,452,570
1929	6,831,459	4,206,231	11,037,690
1930	7,835,966	4,212,450	12,048,415

The number of internal revenue taxpayers in the district of Colorado, exclusive of income taxpayers, by fiscal years are as follows:

Year	Number
1925	14,429
1926	9,822
1927	6,921
1928	4,781
1929	4,990
1930	5,158

The cost of collecting internal revenue taxes in the Colorado district is reflected in a statement of disbursements of the collector of internal revenue and by internal revenue agents for the fiscal year ended June 30, 1930. The aggregate disbursements by agents at the Denver office and by the collector for the district were \$283,189, of which \$251,179 was for salaries and wages and \$28,803 for travelling expenses.

UNITED STATES INTERNAL REVENUE FROM COLORADO
(For fiscal years ending June 30)

Sources	1921	1927	1928	1929	1930
Income, individuals, partnerships and corporations	\$25,085,242	\$12,656,645	\$11,452,570	\$11,037,690	\$12,048,415
Estates, transfers of, gifts	2,210,595	181,703	65,364	150,095	153,801
Distilled spirits and alcohol beverages	20,974	37,026	29,189	25,457	20,690
Tobacco and tobacco manufacturers	271,071	32,449	25,540	25,284	19,812
Oleomargarine and adulterated butter	26,091	21,301	24,519	24,449	24,777
Documentary Stamp taxes:					
Revenue stamps sold by postmasters	254,102	-----	-----	-----	-----
Bonds, capital stock, conveyances, etc.	250,681	115,749	81,256	99,918	88,196
Capital stock transfers	35,611	8,725	9,515	15,126	14,318
Miscellaneous	15,075	1,278	1,091	1,040	1,031
Transportation	2,001,702	-----	-----	-----	-----
Telegraph and telephone	599,927	-----	-----	-----	-----
Insurance	47,553	-----	-----	-----	-----
Manufacturers' excise tax:					
Autos, trucks, tires, accessories, etc.	184,198	77	94	-----	-----
Candy	188,786	-----	-----	-----	-----
Miscellaneous	30,309	1,236	2,098	-----	-----
Consumers' and dealers' excise tax:					
Sculpture, paintings, etc.	5,197	-----	-----	-----	-----
Carpets, trunks, wearing apparel, etc.	221,902	-----	-----	-----	-----
Watches, clocks, jewelry, etc.	201,998	-----	-----	-----	-----
Perfumes, cosmetics, medicinal, etc.	80,370	-----	-----	-----	-----
Non-alcoholic beverages	428,892	-----	-----	-----	-----
Narcotics	15,267	8,474	14,281	5,578	5,259
Corporation capital stock tax	804,134	-----	-----	-----	-----
Stock and produce brokers	19,554	-----	-----	-----	-----
Theatres, museums, circuses, bowling alleys, etc.	90,619	90,566	65,747	-----	-----
Admissions to theatres and club dues	1,106,057	64,628	70,421	80,627	84,142
Miscellaneous	19,049	253,369	37,615	73,972	8,009
Total, all sources	\$34,214,956	\$13,473,226	\$11,879,300	\$11,539,236	\$12,468,450

**NUMBER OF EACH SPECIFIC CLASS OF INTERNAL REVENUE TAXPAYERS
IN THE DISTRICT OF COLORADO**
(Fiscal Years Ending June 30)

Class	1925	1926	1927	1928	1929	1930
Distilled Spirits:						
Retail dealers	28	31	20	30	28	31
Wholesale dealers	10	5	2	4	4	4
Oleomargarine:						
Manufacturers	2	1	1	1	2	2
Wholesale dealers	23	23	21	23	25	24
Retail dealers	2,175	2,228	2,611	2,363	2,461	2,502
Mixed flour manufacturers	1	1	1	1	1	1
Tobacco manufacturers	64	69	..	..	..	..
Corporations paying capital stock tax	6,465	3,721	..	..	..	..
Brokers	165	104	..	..	..	..
Proprietors billiard and pool tables and bowling alleys	840	875	..	..	..	..
Proprietors shooting galleries	3	6	..	..	..	..
Proprietors automobiles for hire	1,853	357	..	..	..	..
Opium, Cocoa, Etc.:						
Wholesale dealers	44	41	64	38	37	43
Retail dealers	590	521	905	510	525	494
Practitioners, hospitals, etc.	2,086	1,748	3,146	1,706	1,811	1,965
Dealers in untaxed narcotics	80	91	150	105	96	92
Totals	14,429	9,822	6,921	4,781	4,990	5,158

UNITED STATES MINT

One of the three mints owned and operated by the United States government is located at Denver. The other two are at Philadelphia and San Francisco. The Denver mint was completed in 1905 and the treasury department took possession and occupied it in September of that year. The coinage of money began in 1906. Total investment, including equipment, machinery, etc., is approximately \$4,000,000, of which \$60,000 was for the site and \$812,679 was for the building.

Electrolytic refineries for refining gold and silver are operated at the Denver and San Francisco mints and at the New York assay office. The Denver mint had 83 employes on June 30, 1930. The gross income of the mint for the fiscal year was \$1,203,839 and gross expenses were \$217,024.

Paper money is not produced at the Denver mint, its output consisting entirely of coin. Bullion is received not only from the principal mining states in this country but from several foreign countries. Gold and silver for minting also are obtained from re-deposits, jewelry, and United States and foreign coin. Domestic coin manufactured at the mint from the opening of the institution in 1906 up to and including December, 1930, aggregated 933,732,500 pieces, of a total value of \$449,445,955.

Denominations, value and number of pieces manufactured during this period were as follows:

	Value	Pieces
Double eagles ...	\$260,030,000	13,001,500
Eagles	59,092,800	5,909,280
Half eagles.....	26,463,300	5,292,660
Quarter eagles...	2,704,200	540,840
Dollars	45,836,600	45,836,600
Half dollars.....	13,681,160	27,362,320
Quarter dollars..	15,816,300	63,265,200
Dimes	15,024,380	150,243,800
Nickels	5,718,015	114,360,300
Cents	5,079,200	507,920,000
Totals.....	\$449,445,955	933,732,500

The mints of the United States have produced since the first mint was established in Philadelphia in 1793 down to the end of 1929 a total of 11,318,659,800 pieces of money valued at \$5,943,419,356.26.

United States money, including gold coin and bullion, gold certificates, standard silver dollars, silver certificates, treasury notes, federal reserve notes and subsidiary coins, amounted to \$10,284,011,704 on June 30, 1930, of which \$4,021,936,763 was held in the treasury, \$1,741,086,979 was held

by federal reserve banks and agents, and \$4,521,987,962 was in circulation. The money in circulation was equal to \$36.71 per capita.

The value and number of pieces manufactured in the Denver mint vary from year to year in accordance with demand. A continued large demand for one-cent coins featured the output in 1930 and only that type of coin was produced. There were produced at the Denver mint during the calendar year 40,100,000 one-cent bronze pieces of a value of \$401,000. In 1929 the largest coinage, in value, was dimes and, in number, nickels, but in 1927, double eagles (\$20 gold pieces) led in value and one-cent pieces in number.

Coinage for the calendar years of 1927 to 1930, inclusive, was as follows:

1927		
	Value	Pieces
Double eagles....	\$3,600,000	180,000
Standard silver dollars	1,268,900	1,268,900
Quarter dollars....	244,100	976,400
Dimes	481,200	4,812,000
Nickels	286,500	5,730,000
Cents	271,700	27,170,000
Totals.....	\$6,152,400	40,137,300
1928		
Quarter dollars....	\$ 406,900	1,627,600
Dimes	416,100	4,161,000
Nickels	321,800	6,436,000
Cents	311,700	31,170,000
Totals.....	\$1,456,500	43,394,600
1929		
Half dollars.....	\$ 500,600	1,001,200
Quarter dollars....	339,500	1,358,000
Dimes	503,400	5,034,000
Nickels	418,500	8,370,000
Cents	417,300	4,173,000
Totals.....	\$2,179,300	19,936,200
1930		
Cents	\$ 401,000	40,100,000

FEDERAL COURTS IN COLORADO

The state comprises a federal judicial district known as the District of Colorado. Headquarters are in the Postoffice building, Denver. J. Foster Symes, of Denver, appointed in 1922, is district judge. His salary is \$10,000 per year. The clerk of the court is Charles W. Bishop. Ralph L. Carr is district attorney and Richard C. Calen is marshal.

The court has sittings in Denver, Pueblo, Montrose, Grand Junction, Durango and Sterling. Dates for the beginning of terms of the court are as follows:

Denver, first Tuesday in May and first Tuesday in November.

Pueblo, first Tuesday in April.

Montrose, third Tuesday in September.

Grand Junction, second Tuesday in September.

Durango, fourth Tuesday in September.

Sterling, second Monday in June.

Terms of court at Denver, Pueblo and Montrose are fixed by statute. Sessions at Grand Junction, Durango, and Sterling are not necessary unless there is sufficient business upon the docket to justify them.

Denver is headquarters for the United States circuit court of appeals for the tenth circuit, which embraces Colorado, Wyoming, Kansas, Oklahoma, Utah and New Mexico. This circuit was created by congress in 1929 out of the eighth circuit, in which Colorado formerly was included. Four judges for the court are Robert E. Lewis, of Denver, presiding judge; Orie L. Phillips, of Albuquerque, N. M.; John H. Cotteral, Guthrie, Okla.; and George T. McDermott, of Topeka, Kans. Albert Trego is clerk of the court and H. A. McIntyre, deputy.

The circuit court of appeals consists of the district and circuit judges in the respective circuits, together with a justice of the supreme court assigned to that circuit. Justice Willis Van Devanter, of Wyoming, is the justice assigned to the tenth circuit.

The sittings of the court are as follows: Second Monday in January at Oklahoma City, second Monday in April at Wichita, and second Monday in September at Denver.

INDIAN POPULATION

The territory embraced in what is now the state of Colorado was at one time inhabited by numerous tribes of Indians, but at the present time the Indian population is comparatively small and is confined mostly to the Ute Mountain Utes and Southern Utes reservations in the southwestern corner of the state. The two reservations are directed as a single unit known as the Consolidated Ute agency, with headquarters at Ignacio.

On April 1, 1930, the population consisted of 813, of whom 429 were males and 384 were females, or less than one-half of one per cent of the Indian population of the United States. The population changes very slightly and the figures for 1930 represent an increase of only 23 compared with the number on June 30, 1926. All were

full-blooded Ute Indians, there being none of mixed blood.

The enumerated and estimated Indian population of the United States on April 1, 1930, as reported by the Commissioner of Indian Affairs, was 340,541. Oklahoma ranked first with 121,844 and Arizona next with 47,072. There were 20 states with a larger Indian population and only one with a smaller number than Colorado.

The government conducts two schools for the Indians in the agency, one of which is at Ute Mountain and the other at Ignacio. These schools have accommodations for 275 students and the highest grade taught is the sixth.

The total value of the Indian property as of June 30, 1927, was \$3,247,917, of which \$679,091 was individual property of the Indians and \$2,568,826 was tribal property. Funds in bank or in the hands of superintendents for individuals totaled \$155,091 and the tribal property included \$868,826 in the treasury.

REPRESENTATIVES OF FOREIGN GOVERNMENTS

Belgium—Jean Mignolet, consul, 2549 Birch St., Denver.

Bulgaria—See Greece.

Denmark—W. C. Hansen, 526 Sixteenth St., Denver.

France — Jean Mignolet, consular agent, 2549 Birch St., Denver.

Germany—William Godel, acting consul, American National bank, Denver.

Great Britain—Harry Crebbin, vice consul, 904 Equitable Bldg., Denver.

Greece—Nikias C. Calogeras, vice consul, 525 University Bldg., Denver. Represents Bulgaria and Macedonia.

Hungary—Coleman Jonas, vice consul, 1037 Broadway, Denver.

Italy—Pietro Gerbore, consul, 801 Midland Savings Bldg., Denver.

Japan—Representative, Japanese Society, 417 Barclay Bldg., 18th and Larimer Sts., Denver.

Macedonia—See Greece.

Mexico—Y. M. Vasquez, consul, 402 Mercantile Bldg., Denver.

Netherlands—G. J. Rollandet, vice consul, 919 Security Bldg., Denver.

Switzerland—Paul Weiss, consul, 307 American National Bank Bldg., Denver.

NARCOTIC LAW OPERATIONS

All persons in the United States handling habit-forming drugs are required by the provisions of the Harrison narcotic law to obtain licenses. This gives the bureau of narcotics, in the United States treasury department, which now is in charge of narcotic activities, a close check on all operations in that business.

The enforcement of the law in Colorado is under the supervision of division headquarters at Denver, the division comprising Colorado, Utah, Wyoming, Arizona and New Mexico.

Registrations in Colorado under the act during the fiscal years ending on June 30 were as follows:

1924	2,513
1925	4,423
1926	4,832
1927	4,199
1928	3,595
1929	4,557
1930	4,680

Distribution of permits in 1928 to 1930, inclusive, is as follows:

Dealers:	1930	1929	1928
Wholesale	24	38	37
Retail	513	515	501
Class 4*	1,797	1,755	1,713
Class 5 (a)	2,346	2,249	1,344
Totals	4,680	4,557	3,595

*Physicians, dentists, veterinary surgeons, and other practitioners and hospitals, sanatoria, etc. (a) Dealers in and manufacturers of untaxed narcotic preparations.

Narcotic drugs and preparations, including opium, morphine, heroin, cocaine, etc., seized in the enforcement of the laws in Colorado by fiscal years ending June 30, were as follows:

	Ounces	Grains
1924	128	...
1925	61	19
1926	19	293
1927	36	146
1928	133	213
1929	45	191
1930	26	417

Convictions, aggregate sentences and fines imposed for violations of the narcotic laws by fiscal years are as follows:

	Number Convictions	Aggregate Sentences, Years	Fines Imposed
1924	51	27	\$ 2,215
1925	104	78	17,875
1926	56	27	9,400
1927	49	22	1,385
1928	46	58	275
1929	43	53	....

FORT LOGAN MILITARY POST

The only army post in Colorado is Fort Logan, located near Denver. The post comprises a military reservation

of 1,000 acres, upon which are 136 buildings, including officers' headquarters, barracks and other structures. The total appraised value of the property is \$1,300,000. The Second Regiment of Engineers, totaling 440 men, and 75 men of auxiliary branches (Quartermaster, Medical, etc.) are at present stationed at the post.

The land upon which the fort is located was donated to the government by citizens of Denver. Major General Phil Sheridan selected the site and on February 28, 1887, congress authorized the secretary of war to establish the post and appropriated \$100,000 for construction work. Construction of permanent headquarters was started in November, 1887. The post was named Fort Sheridan in honor of the civil war veteran, but General Sheridan later changed it to Fort Logan, in honor of Major General John A. Logan.

The post has played an important part in the military life of Colorado. The Citizens' Military Training corps, the Reserve Officers Training corps, and other units like the Engineers and Chemical Warfare officers train at the fort each year, usually for 30 days in July. The headquarters of the 103rd Reserve division are located in Denver. This reserve includes 2,870 men, mostly officers, residing principally in Colorado, Arizona and New Mexico.

FITZSIMONS GENERAL HOSPITAL

One of the seven general hospitals of the United States army is located at Aurora, near the eastern city limits of Denver, known as the Fitzsimons General hospital. The plant is located upon a tract of 600 acres and comprises 160 buildings, with a total bed capacity of 1,832. When constructed in 1918 it was intended primarily for the treatment of tuberculosis, but of late years the need for such specialization has gradually decreased and at present 40 per cent of the patients are of a general medical and surgical nature. The daily average number of patients is approximately 1,200. The average personnel employed is as follows: Medical officers, 48; dental officers, 4; quartermaster officers, 3; finance officers, 1; medical administrative officers, 6; chaplains, 2; internes with the grade of first lieutenant, medical corps reserve, 10; army nurse corps, 128; warrant officers, 3; enlisted men of the medical department, quartermaster corps, finance department and signal

corps, 345; and civilian employes, 510. The average cost per year for operation and maintenance is \$2,250,000. Total investment is in excess of \$10,000,000.

VETERANS HOSPITAL

The United States Veterans Hospital is located seven miles northeast of Las Animas, in Bent county, at Fort Lyon. The hospital formerly was owned by the United States navy department and was operated as a naval hospital. After the ending of the World war it was transferred to the War Veterans bureau and is operated as a hospital by that department under the jurisdiction of the Washington headquarters.

The site comprises a square mile of ground and the numerous buildings cover 60 acres. The grounds are very attractive, with paved streets and modern improvements. The entire plant represents an investment of approximately \$6,000,000. The hospital is manned by a force of 14 salaried officers and 304 employes, and has 500 beds for patients. On February 9, 1931, a new building of the most modern construction, costing approximately \$300,000, was opened for the treatment of neuropsychiatric diseases.

CIGARS AND TOBACCO

There were 6,324,832 cigars manufactured in Colorado in the calendar year of 1929, which compares with 7,673,536 in 1928 and 5,602,215 in 1927. There were 35 cigar factories in operation in the state on January 1, 1930, compared with 41 on January 1, 1929. During the year three factories were opened and nine were closed. The numbers of factories on January 1, of the years named, were as follows:

1921.....57	1926.....52
1922.....67	1927.....64
1923.....64	1928.....47
1924.....56	1929.....41
1925.....53	1930.....35

Of 6,239,564 cigars upon which revenue tax was paid in 1929, 3,550,170 were to be sold for not more than five cents each and 2,610,149 at more than eight cents each and not more than 15 cents each. There were 6,481,503-359 cigars weighing more than three pounds per 1,000 manufactured in the United States in 1929.

Quantities of tobacco used and number of cigars manufactured in Colo-

rado in the calendar years named were as follows:

Year	Tobacco, Pounds	Number of Cigars
1920	732,179	34,902,482
1921	556,467	27,272,697
1922	359,930	16,643,058
1923	394,816	18,219,382
1924	317,189	15,324,979
1925	274,940	13,843,994
1926	216,365	10,216,392
1927	117,370	5,602,215
1928	152,717	7,673,536
1929	122,523	6,324,832

There were two factories in the state on January 1, 1930, engaged in the manufacture of smoking tobacco, in which there was used 9,332 pounds of tobacco. Tobacco is not grown commercially in Colorado, and experimental crops have been planted in only a few known instances and then on a small scale. There is no plant in the state engaged in the manufacture of cigarettes. There were 110 factories in the United States engaged in manufacturing cigarettes on January 1, 1930, and the output of cigarettes in 1929 was 122,392,380,846, an increase of 13,686,875,196, compared with 1928. This was equal to 997 cigarettes for each man, woman and child in continental United States on the basis of the 1930 census.

INDUSTRIAL ALCOHOL

There were two industrial alcohol plants, one bonded warehouse and three denaturing plants in operation in Colorado during the year ending June 30, 1930, under the national prohibition act. This was a decrease of one in bonded warehouses and an increase of one in denaturing plants compared with the fiscal year of 1929.

A summary of alcohol deposited in, withdrawn from and remaining in the bonded warehouses in the state for years ending June 30, as reported by the commissioner of prohibition, in proof gallons, is as follows:

	1930	1929
On hand	17,777	21,274
Produced and deposited in warehouses	28,586	44,246
Withdrawn, tax paid.....	17,746	22,220
Losses in warehouse.....	537	23
Withdrawn for hospital, scientific and educational uses	14,183	14,320
Transfers to denaturing warehouses	12,129	11,173
On hand end of year.....	1,767	17,778

During the fiscal year ending June 30, 1930, the three denaturing plants operated produced 9,502 wine gallons of completely denatured and 1,691 gal-

lons of specially denatured alcohol: removed and disposed of 8,493 gallons completely denatured and 1,691 gallons specially denatured; lost 12 gallons of the completely denatured alcohol and had 996 gallons on hand at the end of the year.

There were 33 manufacturers in the state in the year ending June 30, 1930, using specially denatured alcohol, who used 8,983 gallons for manufacturing purposes, compared with 31 manufacturers using 8,940 gallons in 1929.

COLORADO NATIONAL GUARD

The maximum authorized strength of the Colorado national guard is 1,927 men, consisting of 156 officers, 1,770 enlisted men and one warrant officer. The actual strength as of April 1, 1930, was 132 officers, 1,651 enlisted men and one warrant officer. These belong to the 157th infantry regiment; the 1st battalion, 168th field artillery; 1st squadron, 117th cavalry; the 45th division tank company; the 45th division aviation; the 45th division headquarters staff; and the 89th infantry brigade headquarters.

The guard is a part of the military arm of the federal government, which

pays the expenses of equipment and caretakers and the maintenance and expenses of all summer camps. The cost to the federal government is approximately \$106,000 a year. The state's portion of the cost is provided by a mill levy of .07 of a mill, from which is derived approximately \$106,000 a year.

The property used for military purposes is appraised at \$3,160,000, of which \$1,860,000 is for the federal government's part and \$1,300,000 for that belonging to the state. Included in this property are 18 armories located at Greeley, Craig, Fruita, Delta, Montrose, Lamar, Boulder, Manzanola, Fort Collins, Brighton, Brush, Fort Morgan, Loveland, Burlington, Canon City, Monte Vista, Pueblo and Golden. The guard also has a military station in close proximity to Denver and on the Golden highway, known as the state rifle range, where warehouses and shops are maintained and where a state encampment is held in June of each year.

The air service is located at the Lowry aviation field in Denver, where instructors from the United States army are stationed. Lowry field has six planes in service.

Federal Lands and Reserves

WHILE exact figures are impossible of compilation because of the numerous federal laws and the conflict of reserves, withdrawals and classifications, it is certain that the United States government is by far the largest landholder in Colorado. The government's ownership and control of surface titles alone aggregates approximately 37 per cent of the entire area of the state, and its control of sub-surface deposits covers a much larger area. A rounded estimate of the distribution of title in the surface areas of the state is approximately as follows:

	Acres	Per Cent of Total Area
Federal, including		
Indian	25,037,108	37.74
State lands	3,076,570	4.64
Privately owned		
(assessed)	37,163,043	56.02
Unaccounted for,		
survey errors,		
etc.	1,064,399	1.60
Totals	66,341,120	100.00

The state immigration bureau has made as complete a compilation of separate government titles and other

varieties of surface control as is possible in the light of inaccuracies of surveys and conflicting and overlapping titles, and has found, in round numbers, the following acreages as of June 30, 1930:

	Acres
Public domain, unappropriated and unreserved	8,027,468
Unperfected entries; public lands entered but not yet patented	2,189,047
National forests, excluding privately owned lands within their limits	13,330,832
Ute Indian lands; 39,461 privately owned and 356,682 tribal; not taxed	396,000
National parks and monuments, excluding those within national forests and included in forest areas above	307,000
Carey Act withdrawals, including 23,000 relinquished by Colorado but not restored to entry on federal records...	55,000
Power reserves of all classes.	442,068
Reservoir sites	1,700
Reclamation, including only public lands in reclamation projects	5,000
Public water reserves	8,193
Naval oil reserves	64,600
Stock driveways	210,200
Total	25,037,108

WITHDRAWALS AND CLASSIFICATIONS

In addition to the control and ownership of surface titles, the federal government controls the mineral deposits on vast areas of land long since in private ownership, through reservations included at the time of patent. Millions of acres, for instance have passed into private ownership through patent under the stock-grazing or 640-acre homestead law, in all of which the mineral deposits were forever reserved to the federal government, and the same is true of non-metallic minerals in most of the public domain which has passed into private ownership since passage of the oil and gas leasing acts of 1914 and 1920.

It is impossible to compile, with anything approaching accuracy, a complete statement of both surface and sub-surface control of lands in Colorado by the federal government. The withdrawals and classifications listed below include all reported by the various federal agencies and constitute in many instances duplications of the federal surface title areas shown in the preceding table. Areas on which surface titles are available but in which minerals are reserved to the federal government are included in the public domain area, and lands upon which surface titles are not available but on which mineral rights may be secured under the leasing laws are shown under stock driveways, water reserves, etc.

Federal withdrawals and classifications frequently overlap or are superimposed upon each other, and areas withdrawn or classified are reported by the federal government on the basis of all acreage included within the outer boundaries, regardless of privately owned lands or other excluded lands, so no accurate tabulation is possible. The following table, including all known withdrawals and classifications, reported in round numbers and harmonized as nearly as possible, is chiefly valuable as showing the wide variety of federal control exercised over Colorado lands under various statutes, and cannot be taken as influencing the total of surface control shown in the preceding table. The report as of June 30, 1929, since when there have been no important changes, showed the following:

Withdrawn Lands	Acres
Coal	2,142,200
Oil	219,000
Administrative sites.....	320
In aid of legislation.....	16,500

	Acres
For classification.....	573,200
For national monument.....	60
For proposed monument.....	320
Pending re-survey.....	567,000
Public waters.....	7,500
Power sites	225,500
Miscellaneous power.....	56,000
Stock driveways.....	210,200
Reservoir sites.....	102,500
Carey act	55,000
Reclamation	5,000

Classifications

Coal	3,092,300
Oil shale.....	952,200
Naval oil shale.....	64,600
Power sites	194,000

LIMITATIONS UPON MINING

There are practically no limitations upon metal mining on the federal lands in Colorado, the outstanding exception being that no metal mining is permitted within the limits of the two national parks, aggregating 293,120 acres. The federal government exacts no royalties on the production of metal mines, and no prospecting permits are required. The mineral deposits under stock-grazing homesteads and inside the limits of withdrawn stock driveways and water reserves are open to search and development, and in the case of metallic deposits may be explored and developed without royalty or other limitation except the protection of surface property rights.

Deposits of coal, oil, gas, phosphate and other non-metallic minerals are subject to more rigid limitations and to royalty obligations to the federal government. Such deposits within the national parks and national forests are subject to the provisions of the general leasing acts of 1914 and 1920, as are lands within the limits or stock driveways, water reserves, patented stock-grazing homesteads and all other public lands coming under the provisions of the general leasing acts referred to.

Development of the minerals on public lands under the various leasing acts from the date of passage to June 30, 1929, show the following totals:

COAL

There were outstanding June 30, 1930, 81 leases aggregating 12,751 acres, 42 permits aggregating 27,642 acres and five licenses covering 200 acres. Production, in tons, since passage of the coal leasing act, and royalties and bonuses accruing to the federal government were as follows:

Year	Production	Royalty
1912-1925	2,028,940	\$ 93,014
1926	353,434	60,431
1927	448,552	60,117
1928	439,650	51,076
1929	490,446	59,550
1930	434,871	55,624
Totals.....	4,195,893	\$379,812

At the close of the fiscal year of 1930 there were 64 producing leases, of which 15 were classified as shipping and 49 as wagon mines.

OIL AND GAS

On June 30, 1930, there were 17 oil and gas leases in effect on public lands in Colorado, all being classed as producing, and 507 permits to prospect. Production, in barrels, since passage of the oil and gas leasing act, and royalties accruing to the federal government were as follows:

Year	Production	Royalties
1922	30	\$ 10
1923	270	60
1924	17,730	2,970
1925	409,060	36,750
1926	825,180	64,300
1927	723,190	55,460
1928	921,640	51,600
1929	962,170*	47,300
1930	725,040*	43,016
Totals.....	4,584,310	\$301,466

*Also 64,360 M cu. ft. of natural gas and 73,522 gallons of gasoline in 1929, and 877,430 M cu. ft. of gas and 14,642 gallons of gasoline in 1930.

POTASH

On June 30, 1929, there was one potash prospecting permit outstanding, covering 2,600 acres, but no production was reported.

ROYALTIES ACCRUING TO UNITED STATES

Year	Coal	Oil and Gas	Total
To 6-30-1925..\$	93,014	\$ 39,790	*\$216,864
1926..	60,430	64,300	124,730
1927..	60,117	55,460	115,577
1928..	51,076	51,600	102,676
1929..	59,550	47,300	106,850
1930..	55,624	43,016	98,640
Totals.....	\$379,811	\$301,466	\$765,337

*Includes \$84,060 in miscellaneous royalty receipts.

DISTRIBUTION OF PUBLIC LAND RECEIPTS

Under various public land laws the earnings from such lands within the state are distributed as follows:

From the sale of public lands and tees and commissions in connection therewith Colorado receives nothing except a 5 per cent allotment from

the net proceeds of the sales of agricultural lands lying within its borders. Public land states receive no part of the fees and commissions in connection with the disposition of such lands. Under that provision, including totals for the year ending June 30, 1929, the federal government had collected from sales, fees and commissions in Colorado, \$11,800,000, of which amount \$521,726 was paid to the state and \$10,051,927 was paid into the United States reclamation fund.

Receipts from all operations of the United States forests are divided between the federal government and the states within which the forests lie, 25 per cent of the total collections being remitted to the counties in proportion to their national forest acreages. In addition, 10 per cent of the total collections is devoted to road and trail construction within the forest where the earnings are made.

Receipts of the federal government from royalties and bonuses under the mineral leasing act are divided as follows: Ten per cent to the general treasury of the United States, 37½ per cent to the state where the royalties or bonuses are earned, for road and school purposes, and 52½ per cent to the United States reclamation fund. Actual receipts by the federal government and payments to the state of Colorado under that provision, from passage of the leasing act to June 30, 1930, were as follows:

Year	Receipts from Colorado	Payments to Colorado
To 6-30-1923....	\$ 26,405	\$ 9,851
1924....	33,513	12,562
1925....	71,285	26,647
1926....	94,418	31,532
1927....	109,047	40,867
1928....	96,839	34,919
1929....	101,903	36,816
1930....	97,858	36,687
Totals.....	\$631,268	\$229,881

The foregoing statements and tabulations showing amounts collected from operations in Colorado and amounts or proportions returned to the state do not take into consideration administrative expenditures within the state or a variety of other avenues through which a portion of the money collected in Colorado is returned to it, directly or indirectly. They include only cash returns to the state provided by law.

DUAL USE OF PUBLIC LANDS

Most of the government's land is available for the use of the public in some form. The unappropriated and unreserved land is open for homestead

and other entries. Also, the surface of coal and other mineral land withdrawn is open for entry for homesteads, the government retaining the mineral or sub-surface rights only. Most of the mineral land is subject to leasing for prospecting and development, except that on March 12, 1929, the president withdrew the privilege of filing prospecting permits for oil and gas on the public domain. Information concerning these matters may be obtained from the registers of the local land offices listed under a description of homestead land. Lands in the national forests are available for grazing and other purposes, and with the national parks, monuments and power sites, are described in more detail in articles elsewhere in this publication.

The homestead lands of the state, more fully discussed in the chapter under that title in this volume, are now administered through two local district offices, located at Denver and Pueblo, the number of local land districts having been reduced materially in recent years, owing to the fact that much of the most desirable land is now privately owned. Homestead lands are to be distinguished from state or school lands, which became the property of the state by virtue of federal grants in 1875 and are no longer included in the total of federal government holdings in Colorado. These lands are administered by the state for the benefit of the schools.

Federal and State Prohibition Operations in Colorado

THE enforcement of federal prohibition laws in Colorado is under the direction of the prohibition administrator for the tenth district, comprising Colorado, Wyoming, Utah, Arizona and New Mexico, with headquarters in Denver. John F. Vivian is administrator for the district. Up to June 30, 1930, Colorado was in the eighteenth district, comprising Colorado, Wyoming and New Mexico. The division is under the supervision of the bureau of prohibition in the department of justice. The division for the issuance of permits, maintained as a separate unit since 1930, is under the bureau of industrial alcohol in the treasury department, and Colorado is in the tenth district, which is under the supervision of G. E. Ellsworth, with headquarters in Denver.

Operations in Colorado in fiscal years ending June 30, 1930, and 1929, were reported as follows:

	1930	1929
Illicit apparatus seized:		
Distilleries	118	90
Stills	24	3
Still worms	74	2
Fermenters	2,219	1,968
Liquors seized, gallons:		
Spirits	6,715	5,351
Malt liquor	3,077	1,338
Wine	3,918	2,381
Mash	95,708	73,711
Autos seized	150	72
Value autos seized	\$59,583	\$35,385
Appraised value property seized and destroyed	\$ 1,420	\$ 1,976
Appraised value property seized and not destroyed	\$60,012	\$35,603
Persons arrested:		
By federal officers	562	353

	1930	1929
By state officers, assisted by federal officers	790	510
Prosecutions:		
Dismissals	107	42
Nolle prossed	26	65
Acquittals	31	25
Convictions	267	231
Sentences, aggregate years	81	84
Amount of fines	\$48,825	\$43,517

The following table shows the number of stills and gallons of liquor seized, value of property (cars) seized and not destroyed, and number of persons arrested by fiscal years ending on June 30:

Year	Stills and Apparatus Seized	Gals. Spirits, Wines, Malt, Etc., Seized	Value Property Seized and Not Destroyed	Persons Arrested
1921	263	25,470	\$ 8,475	409
1922	407	76,769	21,762	633
1923	148	66,604	6,442	498
1924	189	57,205	15,907	502
1925	942	72,030	16,644	1,066
1926	236	201,194	20,216	745
1927	135	10,322	24,127	726
1928	117	8,148	31,374	787
1929	2,063	82,782	35,603	863
1930	2,435	109,418	60,012	1,352

Wine, in wine gallons, shipped or delivered in Colorado for sacramental purposes, by fiscal years ending June 30, are as follows:

1929	3,473
1930	3,599

There were 1,527 permits in force in Colorado on June 30, 1930, of which six were to wholesale druggists, two were permits to transfer, 437 were permits to use intoxicating liquors in the manufacture of preparations unfit for beverage use and for experimental purposes, 32 were permits to use and sell, 1,002 were permits to prescribe, for physicians, and to use intoxicating liquor for physicians, dentists, veterinarians, chiropractors, etc.; five were to manufacture vinegar and to procure intoxicating liquor for conversion into same, three were permits to operate de-alcoholizing plants, and 40 were permits to hospitals. The total number of permits in effect on June 30, 1929, was 1,540.

PROHIBITION IN COLORADO

The sixteenth general assembly of Colorado passed a local option law in the spring of 1907 which permitted the people in any individual sub-division of the commonwealth to determine by vote whether that sub-division should become anti-saloon territory.

An amendment to the state constitution prohibiting the manufacture and sale of intoxicating liquors was submitted to the people of the state at a general election on November 5, 1912. It was defeated.

A similar amendment, known as "Article XXII—Intoxicating Liquors," was submitted at a general election on November 3, 1914, and was adopted. The amendment provided that the law should become effective at midnight on December 31, 1915.

An amendment to the constitution legalizing the manufacture of beer and its sale direct to the consumer was submitted at a general election on November 16, 1916. It was defeated.

An initiated measure known as the "bone dry" act was submitted at a general election on November 5, 1918, and was adopted.

A proposal to amend Article XXII of the state constitution, permitting the manufacture and sale of light wines and beer, was submitted at a general election on November 2, 1926. It was defeated.

The vote on the above named measures was as follows:

Year	For	Against
1912	75,877	116,774
1914	129,589	118,017
1916	77,345	163,134
1918	113,636	64,740
1926	107,749	154,672

Article 18, known as the liquor prohibition amendment to the federal constitution, was proposed to the legislatures of the several states by the 65th congress on December 18, 1917, and on January 29, 1919, the secretary of state of the United States proclaimed its adoption by 36 states and declared it in effect at midnight on January 16, 1920.

The Volstead act (national prohibition act) to enforce the 18th amendment was passed by congress in October, 1919. It was vetoed by President Wilson and was passed over his veto on October 28, 1919, and became effective on January 17, 1920.

The Willis-Campbell act, strengthening the prohibition act, became a law on November 23, 1921, and the Jones law, an amendment making more drastic the national prohibition act, was approved by President Coolidge on March 2, 1929.

Ten counties in Colorado had become anti-saloon territory between the enactment of the local option law in 1907 and January 1, 1916, when the statewide prohibition act went into effect. These were Delta, Larimer, Logan, Montrose, Morgan, Mesa, Phillips, Sedgwick, Washington and Yuma counties. In addition to the counties, there were a number of incorporated places which had voted for the abolition of the saloon. Approximately 54 per cent of the state's population was residing in anti-saloon territory when the state amendment went into effect.

The quantity of liquor consumed in Colorado prior to prohibition is not definitely known. In 1913, when the consumption in the country was near, or at the peak, the per capita consumption for the United States, based on the federal government's figures, was 22.68 gallons. This figure included light wines and beer. This per capita consumption applied to the 46 per cent of Colorado's population not anti-saloon territory prior to January 1, 1916, which included the larger cities where consumption normally was heavier than in rural communities, gave an indicated annual consumption of around 10,000,000 gallons.

A table is published herewith giving the vote by counties on statewide prohibition measures submitted in 1912, 1914, 1916, 1918 and 1926. Additional information on this subject will be found elsewhere in this volume in the chapter, "Deaths from Alcoholism" under "Mortality Statistics."

VOTE ON PROHIBITION MEASURES

NOTE.—Measures voted upon were: 1912, constitutional amendment prohibiting manufacture and sale of intoxicating liquors; 1914, constitutional amendment (Art. XXII) prohibiting manufacture and sale of intoxicating liquors; 1916, amendment legalizing manufacture and sale of beer; 1918, initiated measure known as the "bone dry" act; 1926, amendment permitting manufacture and sale of light wines and beer.

COUNTY	1926		1918		1916		1914		1912	
	For	Against	For	Against	For	Against	For	Against	For	Against
Adams-----	1,920	2,197	1,893	914	1,095	1,600	1,180	1,299	713	1,397
Alamosa-----	970	987	517	374	329	1,001	792	626	-----	-----
Arapahoe-----	2,201	3,061	1,856	971	1,061	2,300	1,734	1,734	898	1,720
Archuleta-----	408	297	333	158	238	573	387	453	279	364
Baca-----	338	1,449	1,001	219	470	1,356	629	304	487	210
Bent-----	528	1,838	850	214	332	1,761	1,223	543	814	664
Boulder-----	3,189	7,241	4,047	2,204	2,828	7,069	5,852	3,671	3,637	3,931
Chaffee-----	1,238	1,074	955	804	831	2,099	1,427	1,380	966	1,453
Cheyenne-----	433	831	824	230	311	971	560	282	415	378
Clear Creek-----	545	435	539	515	558	927	723	890	349	1,004
Conejos-----	1,251	847	531	383	264	1,402	1,029	670	1,620	1,365
Costilla-----	658	248	358	171	341	562	382	254	297	248
Crowley-----	414	1,186	916	262	403	1,303	976	577	609	571
Custer-----	472	271	221	307	334	435	263	496	131	444
Delta-----	1,233	3,207	1,988	560	697	3,280	2,969	1,254	2,097	1,526
Denver-----	36,644	32,845	26,524	19,724	23,112	34,195	29,553	38,139	11,824	34,241
Dolores-----	197	159	169	89	102	136	52	132	20	108
Douglas-----	631	798	604	416	390	782	535	646	217	634
Earle-----	659	492	383	372	438	781	539	722	280	694
Elbert-----	609	1,388	1,057	410	592	1,159	853	814	523	781
El Paso-----	4,440	10,353	6,663	2,877	3,334	10,551	9,171	5,144	4,749	7,206
Fremont-----	1,903	5,203	2,714	1,324	1,331	3,799	3,277	2,197	2,713	2,429
Garfield-----	1,356	1,519	1,316	711	854	2,261	1,887	1,447	1,241	1,675
Gilpin-----	384	168	157	393	433	495	432	715	163	681
Grand-----	531	400	303	266	340	374	277	564	182	427
Gunnison-----	1,025	872	647	646	753	1,265	793	1,261	492	1,110
Hinsdale-----	94	84	99	76	66	157	111	100	49	161
Huerfano-----	1,037	1,273	1,399	1,637	1,331	1,958	1,371	2,031	942	1,930
Jackson-----	174	185	209	100	115	261	170	224	124	172
Jefferson-----	2,831	3,416	2,439	1,461	1,802	2,881	2,328	2,721	1,105	2,761
Kiowa-----	241	1,015	918	261	356	1,099	812	378	673	336
Kit Carson-----	654	2,331	1,456	472	587	1,585	1,005	664	755	607
Lake-----	1,510	486	588	1,327	1,680	1,492	1,149	2,420	638	2,134
La Plata-----	1,652	1,716	840	656	685	2,265	1,528	1,438	1,055	1,552
Larimer-----	2,007	6,344	3,757	1,207	1,316	5,435	4,106	2,333	3,026	2,642
Las Animas-----	3,978	3,164	2,825	2,303	3,327	3,105	2,596	5,416	1,340	5,430
Lincoln-----	760	1,543	1,316	458	632	1,783	1,123	743	699	700
Logan-----	1,405	3,052	2,350	818	867	2,766	1,956	1,031	1,327	866
Mesa-----	2,063	4,800	3,176	1,204	1,447	4,951	3,883	2,349	3,546	2,310
Mineral-----	149	64	101	135	106	249	215	184	145	311
Moffat-----	440	737	606	168	247	865	350	375	310	309
Montezuma-----	610	865	615	240	280	1,292	1,015	498	560	588
Montrose-----	824	2,767	1,861	746	768	2,725	2,420	1,208	1,506	1,106
Morgan-----	1,010	2,714	2,184	672	885	2,558	1,900	1,021	1,327	930
Otero-----	1,356	4,425	3,115	1,010	1,335	4,776	4,286	1,695	2,701	1,621
Ouray-----	386	318	420	289	286	828	703	655	388	735
Park-----	440	296	412	248	349	440	291	550	101	434
Phillips-----	495	1,322	702	270	292	862	555	376	497	330
Pitkin-----	515	260	403	358	406	624	412	644	234	738
Prowers-----	769	2,777	1,693	573	690	2,819	1,818	934	1,376	986
Pueblo-----	7,090	9,376	6,730	4,721	5,949	9,777	1,739	8,273	4,941	8,619
Rio Blanco-----	462	427	416	272	316	606	321	500	166	488
Rio Grande-----	770	1,482	988	405	442	1,742	1,458	560	1,106	770
Routt-----	985	1,342	1,105	481	766	1,703	1,158	1,080	722	953
Saguache-----	740	669	612	324	310	1,080	871	689	444	688
San Juan-----	342	127	156	135	322	406	216	636	157	552
San Miguel-----	606	371	574	440	555	955	688	1,098	474	970
Sedgwick-----	425	842	605	356	261	649	500	378	453	242
Summit-----	345	234	247	289	284	477	315	511	201	535
Teller-----	1,319	667	1,082	932	1,844	2,772	2,558	2,480	1,267	2,694
Washington-----	539	1,931	1,574	661	721	1,452	893	767	591	567
Weld-----	3,727	9,114	6,863	2,731	2,951	8,779	7,471	3,830	4,182	3,699
Yuma-----	822	2,770	1,834	789	998	2,523	1,800	1,008	1,063	1,047
Total-----	107,749	154,672	113,636	*64,740	77,345	163,134	*129,589	*118,017	*75,877	116,774

*The totals used are those taken from the published official abstract of votes, although they do not agree with the totals of the county figures. It is impossible at this time to locate and correct the errors.

Persons in Governmental Service

A SURVEY undertaken in 1927 for the purpose of ascertaining as nearly as possible the number of salaried officials and employes engaged in all branches of governmental service in Colorado shows a total of 25,292, or one for each 40.9 persons in the state. This total does not include seasonal employes paid on a daily wage basis, such as laborers on road construction, in the national forests and on reclamation projects, or officials of a number of small incorporated towns who receive no compensation for their services, but does include a considerable number of officials and employes of small towns who receive only nominal salaries.

The survey was the first of the kind undertaken by this department and yielded some unexpected results. The questionnaires sought information on the number of salaried officials and employes only, and while the total appears large, it was found that a considerable per cent of the number do not depend upon compensation for governmental services for a livelihood.

The public school system of the state accounted for the largest number of salaried officials and employes, there being 9,514 teachers and 650 administrative officials and employes, including janitors, the last-named figure being partially estimated, as complete data are not available.

The federal government occupies second place, with 6,922 salaried officials and employes in the state. This number includes those employed in the national forests, in the reclamation service, the postoffice department, railway mail service, inspection bureaus and government hospitals. It also includes the national guard of the state, members of which receive one day's salary per week for services in attending drill. Postmasters and postoffice employes throughout the state make up a considerable part of the total. The figure does not include approximately 1,000 seasonal employes engaged in work in the national forests, on reclamation work, and similar enterprises who are not on a salary basis and whose work is confined mostly to the summer months. While the number of federal officials and employes is comparatively large, many of these have jurisdiction over areas greater in extent than that of the

state, being identified with regional offices.

The cities and towns of the state occupy third place, with a total of 4,237 reported for 213 incorporated places. Denver ranked first, with a total of 2,250; Colorado Springs second with 346 and Pueblo third with 220. The Colorado Springs figures include salaried employes of the light and power and water system, which are municipally owned. Denver's figures are not included in the total for counties, since the city and county of Denver are co-extensive. Twenty-two incorporated towns reported that they had no salaried officials or employes. Nine towns failed to reply to questionnaires and no estimates were made for these. The largest town not reporting was Trinidad. One town reported that its officials received salaries of one dollar each per year. Another reported eight officials receiving salaries of one dollar per month each, while several reported only nominal salaries paid.

The state government reported a total of 2,315 salaried officials and employes. This number includes all executive and administrative departments, the supreme and district courts, members of the legislature and legislative employes, the penal and eleemosynary institutions and state colleges and universities. The state educational institutions rank first in number, there being a total of 660, of whom 555 are professors and instructors. This figure, however, does not include the faculties of summer schools, many of which embrace members of the faculty for the regular terms. The Colorado State hospital comes next, with a total of 237. There are 100 members and 94 employes of the legislature included in the number. The highway department comes next with 120, the penitentiary next with 80, and the fish and game department next with 62. The military department reported 26, the remainder of that branch being paid by the federal government.

The counties of the state reported the lowest number of employes of any of the political subdivisions, the total being 1,654. Fifty-seven counties reported a total of 1,564, and five counties, from which no reports were received, are estimated at 90.

Government and Political Record

THE accompanying list gives the names of all senators, representatives and governors of Colorado since the creation of Colorado territory in 1861. The lists of other state officials include only the names of those elected to the various offices since the admission of Colorado into the Union as a state, in 1876, and the time each served. A star (*) indicates that the incumbent died in office.

ELECTED STATE OFFICIALS

Delegates and Representatives to Congress

Hiram J. Graham (Delegate for people of Pike's Peak).....	1858-1859
Beverly D. Williams (Delegate from "Jefferson Territory").....	1859-1860
Territorial Representatives	
Hiram P. Bennett.....	1861-1865
Allen A. Bradford.....	1865-1867
George M. Chilcott.....	1867-1869
Allen A. Bradford.....	1869-1871
Jerome B. Chaffee.....	1871-1875
Thomas M. Patterson.....	1875-1876

State Representatives in Congress

James B. Belford (R).....	1876-1877
Thomas M. Patterson (D).....	1877-1879
James B. Belford (R).....	1879-1885
George G. Symes (R).....	1885-1889
Hosea Townsend (R).....	1889-1893
John C. Bell (R).....	1893-1903
Lafe Pence (P).....	1893-1895
John F. Shafroth (R).....	1895-1903
Robert W. Bonyngne (R).....	1903-1909
Herschel M. Hogg (R).....	1903-1907
Franklin E. Brooks (R).....	1903-1907
George W. Cook (R).....	1907-1909
Warren A. Haggott (R).....	1907-1909
Atterson W. Rucker (D).....	1909-1913
John A. Martin (D).....	1909-1913
Edward Keating (D).....	1913-1919
George J. Kindel (D).....	1913-1915
H. H. Seldomridge (D).....	1913-1915
B. C. Hilliard (D).....	1915-1919
William N. Valle (R).....	*1919-1927
S. Harrison White (D).....	1927-1928
Edward T. Taylor (D).....	1909-_____
Charles B. Timberlake (R).....	1915-_____
Guy U. Hardy (R).....	1919-_____
William R. Eaton (R).....	1928-_____

United States Senators

Henry M. Teller (R).....	1876-1882
Jerome B. Chaffee (R).....	1876-1879
Nathaniel P. Hill (R).....	1879-1885
George M. Chilcott (R).....	1882-_____
Horace A. W. Tabor (R).....	1883-_____
Thomas M. Bowen (R).....	1883-1889
Henry M. Teller (R) and (D).....	1885-1909
Edward O. Wolcott (R).....	1889-1901
Thomas M. Patterson (D).....	1901-1907
Simon Guggenheim (R).....	1907-1913
Charles J. Hughes, Jr. (D).....	1909-1911
Charles S. Thomas (D).....	1913-1921
John F. Shafroth (D).....	1913-1919
Lawrence C. Phipps (R).....	1919-1931
S. D. Nicholson (R).....	1921-1923
Alva B. Adams (D).....	1923-1925
Rice W. Means (R).....	1925-1927
Charles W. Waterman (R).....	1927-_____
Edward P. Costigan (D).....	1931-_____

Justices of the Supreme Court

Benjamin F. Hall.....	1861-1865
Charles Lee Armour.....	1861-1865
Allen A. Bradford.....	1862-1865
Stephen S. Harding.....	1863-1865
Charles F. Holly.....	1865-1866
William H. Gale.....	1865-1866
Moses Hallett.....	1866-1876
Wm. R. Gorsline.....	1866-1870
Christian S. Eyster.....	1866-1871
James B. Belford.....	1870-1875
Ebenezer T. Wells.....	1871-1875, 1877
Andrew W. Brazee.....	1875-1876
Amherst W. Stone.....	1875-1876
Henry C. Thatcher.....	1877-1879
Samuel H. Elbert.....	1877-1888
Wilbur F. Stone.....	1877-1886
William E. Beck.....	1879-1889
Joseph C. Helm.....	1879-1892, 1907-1909
Melville B. Gerry.....	1888-1889
Victor A. Elliott.....	1889-1895
Charles D. Hayt.....	1889-1898
Luther M. Goddard.....	1891-1901, 1905-1909
William H. Gabbert.....	1897-1917
Robert W. Steele.....	1901-1911
Julius C. Gunter.....	1905-1907
John M. Maxwell.....	1905-1909
George W. Bailey.....	1905-1909
Charles F. Caswell.....	*1907-1907
Morton S. Bailey.....	1909-1917
William A. Hill.....	1909-1919
George W. Musser.....	1909-1915
S. Harrison White.....	1909-1919
James E. Garrigues.....	1909-1919
Tully Scott.....	1913-1923
James T. Teller.....	1915-1925
George W. Allen.....	1917-1927
John H. Denison.....	1919-1929
John W. Sheafor.....	*1923-1928
R. Hickman Walker.....	1928-_____
Greeley W. Whitford.....	1921-1931
Haslett P. Burke.....	1919-_____
John Campbell.....	1895-1913, 1923-_____
John T. Adams.....	1925-_____
Charles C. Butler.....	1927-_____
Wilbur M. Alter.....	1928-_____
Julian H. Moore.....	1929-_____
Benjamin C. Hilliard.....	1931-_____

Justices of Court of Appeals

George Q. Richmond.....	1891-1893
Julius B. Bissell.....	1891-1893
Gilbert B. Reed.....	1891-1893
Charles I. Thompson.....	1893-1899
Adair Wilson.....	1896-1905
Julius C. Gunter.....	1901-1905
John M. Maxwell.....	1903-1905
Tully Scott.....	1912-1913
Edwin W. Hurlbut.....	1912-1915
Stuart W. Walling.....	1912-1915
Louis W. Cunningham.....	1912-1915
Alfred R. King.....	1912-1915
John C. Bell.....	1913-1915
William B. Morgan.....	1913-1915

Territorial Governor

William Gilpin.....	1861-1862
John Evans.....	1862-1865
Alexander Cummings.....	1865-1867
A. C. Hunt.....	1867-1869
Edward McCook.....	1869-1873
Samuel H. Elbert.....	1873-1874
Edward McCook.....	1874-1875
John L. Routt.....	1875-1876

State Governor

John L. Routt.....	1876-1879
Frederick R. Pitkin.....	1879-1883
James B. Grant.....	1883-1885
Benjamin H. Eaton.....	1885-1887
Alva Adams.....	1887-1889
Job A. Cooper.....	1889-1891
John L. Routt.....	1891-1893
Davis H. Waite.....	1893-1895
Albert W. McIntire.....	1895-1897
Alva Adams.....	1897-1899
Charles S. Thomas.....	1899-1901
James B. Orman.....	1901-1903
James H. Peabody.....	1903-1905
Alva Adams.....	1905—
James H. Peabody.....	1905—
Jesse F. McDonald.....	1905-1907
Henry A. Buchtel.....	1907-1909
John F. Shafroth.....	1909-1913
Elias M. Ammons.....	1913-1915
George A. Carlson.....	1915-1917
Julius C. Gunter.....	1917-1919
Oliver H. Shoup.....	1919-1923
William E. Sweet.....	1923-1925
Clarence J. Morley.....	1925-1927
William H. Adams.....	1927—

Lieutenant Governor

Lafayette Head.....	1877-1879
Horace A. W. Tabor.....	1879-1883
William H. Meyers.....	1883-1885
Peter W. Breene.....	1885-1887
Norman H. Meldrum.....	1887-1889
William G. Smith.....	1889-1891
William Story.....	1891-1893
David H. Nichols.....	1893-1895
Jared L. Brush.....	1895-1899
Francis Carney.....	1899-1901
David C. Coates.....	1901-1903
Warren H. Haggott.....	1903-1905
Arthur Cornforth.....	1905-1907
E. R. Harper.....	1907-1909
Stephen R. Fitzgarrauld.....	1909-1915
Moses E. Lewis.....	1915-1917
James E. Pulliam.....	1917-1919
George Stephan.....	1919-1921
Earl Cooley.....	1921-1923
Robert F. Rockwell.....	1923-1925
Sterling B. Lacy.....	1925-1927
George M. Corlett.....	1927-1931
Edwin C. Johnson.....	1931—

Secretary of State

William M. Clark.....	1877-1879
Norman H. Meldrum.....	1879-1883
Melvin Edwards.....	1883-1887
James Rice.....	1887-1891
Edwin J. Eaton.....	1891-1893
Nelson O. McClees.....	1893-1895
Albert B. McGaffey.....	1895-1897
Charles H. S. Whipple.....	1897-1899
Elmer F. Beckwith.....	1899-1901
David F. Mills.....	1901-1903
James Cowie.....	1903-1907
Timothy O'Connor.....	1907-1909
James B. Pearce.....	1909-1915
John E. Ramer.....	1915-1917
James R. Noland.....	1917-1921
Carl S. Milliken.....	1921-1927
Charles M. Armstrong.....	1927—

State Treasurer

George C. Corning.....	1877-1879
Nathan S. Culver.....	1879-1881
W. S. Sanders.....	1881-1883
Fred Walson.....	1883-1885
George R. Swallow.....	1885-1887
Peter W. Breene.....	1887-1889

W. H. Blsbane.....	1889-1891
James N. Carille.....	1891-1893
Albert Nance.....	1893-1895
Harry E. Mulnix.....	1895-1897
George W. Kephart.....	1897-1899
John H. Fesler.....	1899-1901
James N. Chipley.....	1901-1903
Witney Newton.....	1903-1905
John A. Holmberg.....	1905-1907
Alfred E. Bent.....	1907-1909
William J. Galligan.....	1909-1911
Roady Kenehan.....	1911-1913
Michael A. Leddy.....	1913-1915
Allison E. Stocker.....	1915-1917
Robert H. Higgins.....	1917-1919
Harry E. Mulnix.....	1919-1921
Arthur M. Stong.....	1921-1923
Harry E. Mulnix.....	1923-1925
William D. MacGinnis.....	1925-1927
Harry E. Mulnix.....	*1927—
Herbert Fairall.....	1927-1929
William D. MacGinnis.....	1929-1931
John M. Jackson.....	1931—

Auditor of State

David C. Crawford.....	1877-1879
Eugene K. Stimson.....	1879-1881
Joseph A. Davis.....	1881-1883
J. C. Abbott.....	1883-1885
Hiram A. Spurance.....	1885-1887
Darwin P. Kingsley.....	1887-1889
L. B. Schwanbeck.....	1889-1891
John M. Henderson.....	1891-1893
F. M. Goodykoontz.....	1893-1895
Clifford C. Parks.....	1895-1897
John W. Lowell.....	1897-1899
George W. Temple.....	1899-1901
Charles W. Crowter.....	1901-1903
John A. Holmberg.....	1903-1905
Alfred E. Bent.....	1905-1907
George D. Statler.....	1907-1909
Roady Kenehan.....	1909-1911
Michael A. Leddy.....	1911-1913
Roady Kenehan.....	1913-1915
Harry E. Mulnix.....	1915-1917
Charles H. Leckenby.....	1917-1919
Arthur M. Stong.....	1919-1921
Harry E. Mulnix.....	1921-1923
Arthur M. Stong.....	1923-1925
Charles Davis.....	1925-1927
W. D. MacGinnis.....	1927-1929
John M. Jackson.....	1929-1931
William D. MacGinnis.....	1931—

Attorney General

A. J. Sampson.....	1877-1879
Charles W. Wright.....	1879-1881
Charles Toll.....	1881-1883
D. C. Urmey.....	1883-1885
Theodore H. Thomas.....	1885-1887
Alvin Marsh.....	1887-1889
Samuel W. Jones.....	1889-1891
Joseph H. Maupin.....	1891-1893
Eugene Engley.....	1893-1895
Byron L. Carr.....	1895-1899
David M. Campbell.....	1899-1901
Charles C. Post.....	1901-1903
Nathan C. Miller.....	1903-1907
William H. Dickson.....	1907-1909
John T. Barnett.....	1909-1911
Benjamin J. Griffith.....	1911-1913
Fred Farrar.....	1913-1917
Leslie E. Hubbard.....	1917-1919
Victor E. Keyes.....	1919-1923

Russell W. Fleming.....*1923—
 Wayne C. Williams..... 1924-1925
 William L. Boatright..... 1925-1929
 Robert E. Winbourn.....*1929—
 John S. Underwood.....*1930—
 Clarence L. Ireland..... 1931—

Superintendent of Public Instruction

Joseph C. Shattuck..... 1877-1881
 Leonidas S. Cornell..... 1881-1883
 Joseph C. Shattuck..... 1883-1885
 Leonidas S. Cornell..... 1885-1889

Fred Dick..... 1889-1891
 Nathan Coy..... 1891-1893
 John F. Murray..... 1893-1895
 Angenette J. Peavey..... 1895-1897
 Grace Espey Patton..... 1897-1899
 Helen L. Grenfell..... 1899-1905
 Katherine L. Craig..... 1905-1911
 Helen M. Wixon..... 1911-1913
 Mary C. C. Bradford..... 1913-1921
 Katherine L. Craig..... 1921-1923
 Mary C. C. Bradford..... 1923-1927
 Katherine L. Craig..... 1927-1931
 Inez Johnson Lewis..... 1931—

DISTRICT JUDGES AND DISTRICT ATTORNEYS

Note.—Terms of District Judges expire January 12, 1937; of District Attorneys January 10, 1933. Salary of District Judges is \$4,000 per annum.

District	Judge	District Attorney	Address
First—Gilpin, Clear Creek, Arapahoe, Jefferson, Adams	Johnson, Samuel W.	Stone, Joel E.	Littleton
Second—Denver	McDontough, Frank, Sr. Calvert, H. A. Dunklee, George F. Holland, E. V. Sackmann, Charles C. Starkweather, Jas. C. Steele, Robert W.	Wettengel, Earl	Denver
Third—Baca, Bent, Huerfano, Las Animas, Prowers	Hollenbeck, A. F. McChesney, A. C.	Erickson, Malcolm	Trinidad
Fourth—Cheyenne, Douglas, Elbert, El Paso, Kit Carson, Lincoln, Teller..	Cornforth, Arthur Young, John C.	Meikle, John M.	Colorado Springs
Fifth—Eagle, Lake, Summit	Bouck, Francis F.	Luby, William H.	Eagle
Sixth—Archuleta, Dolores, La Plata, Montezuma, San Juan	Searcy, W. N.	Jacobson, W. Bruce	Durango
Seventh—Delta, Gunnison, Hinsdale, Mesa, Montrose, Ouray, San Miguel..	Bruce, George W. Logan, Straud M.	Blaine, Charles E.	Delta
Eighth—Boulder, Jackson, Larimer, Weld.....	Coffin, Claude C. Graham, Neil F.	Romans, A. H.	Loveland
Ninth—Pitkin, Garfield, Rio Blanco	Shumate, John T.	Delaney, Frank	Glenwood Springs
Tenth—Crowley, Kiowa, Otero, Pueblo.....	Trimble, Samuel D. Voorhees, John H.	Phelps, J. Arthur	Pueblo
Eleventh—Chaffee, Custer, Fremont, Park.....	Cooper, James L.	Locke, James T.	Canon City
Twelfth—Alamosa, Conejos, Costilla, Mineral, Rio Grande, Saguache.....	Palmer, John I.	Woodward, C. H.	Alamosa
Thirteenth—Logan, Morgan, Phillips, Sedgwick, Washington, Yuma.....	Munson, H. E. Taylor, Arlington	Johnson, Roy T.	Sterling
Fourteenth—Grand, Moffat, Routt	Herrick, Chas. E.	Carpenter, F. R.	Hayden

COLORADO STATE OFFICIALS FOR 1931-1932

United States Senators

Charles W. Waterman.....Rep.....Denver...Term: March 4, 1927-March 4, 1933
Edward P. Costigan.....Dem.....Denver...Term: March 4, 1931-March 4, 1937

The salary of a United States senator is \$10,000 per annum.

Congressmen

William R. Eaton.....Rep.....First District.....Denver
Charles B. Timberlake.....Rep.....Second District.....Sterling
Guy U. Hardy.....Rep.....Third District.....Canon City
Edward T. Taylor.....Dem.....Fourth District..Glenwood Springs

Terms of all congressmen expire March 4, 1933. The salary of a congressman is \$10,000 per annum.

Executive State Officers

GovernorWilliam H. Adams.....Dem.....Alamosa
Lieutenant Governor.....Edwin C. Johnson.....Dem.....Craig
Secretary of State.....Charles M. Armstrong.....Rep.....Denver
TreasurerJohn M. Jackson.....Rep.....Pueblo
Auditor of State.....William D. MacGinnis.....Rep.....Wray
Attorney General.....Clarence L. Ireland.....Rep.....Denver
Supt. Public Instruction...Inez Johnson Lewis.....Dem...Colorado Springs

Terms of state executive officials expire January 10, 1933. Salaries, per annum, are as follows: Governor, \$5,000; lieutenant governor, \$1,000; treasurer, \$6,000; secretary of state, \$4,000; auditor, \$4,000; attorney general, \$5,000; superintendent of public instruction, \$3,000.

Justices of the Supreme Court

John T. Adams, Chief Justice, Alamosa

Benjamin C. Hilliard, Denver
John Campbell, Colorado Springs
Julian H. Moore, Denver

Charles C. Butler, Denver
Haslett P. Burke, Sterling
Wilbur M. Alter, Colorado Springs

The justices of the supreme court receive salaries of \$5,000 per annum. All members of the court are Republican in politics, except Justice Hilliard, a Democrat.

OFFICIAL AND OTHER BIRDS

The twenty-eighth general assembly of the Colorado legislature passed an act in 1931 declaring the Lark Bunting, scientifically known as *Calamospiza melanocorys Stejneger*, to be the official state bird. The act was approved by Governor William H. Adams on April 29, 1931. The Lark Bunting is six to seven inches long, with a stout, conical bill and long, pointed wings. The male has black feathers with white edgings on the tail and wings and the female is brown with white edgings. It is an inhabitant of the prairie country, does not frequent the mountains and is to be found mostly in the eastern part of the state. It is seldom seen on the western slope of the mountains. The bird migrates to the south, usually about the 10th of September, and returns about the same date in May. It usually arrives in large flocks. It builds its nest on the ground. One of its peculiar characteristics is the method of its flight. It rises almost perpendicularly from the ground and invariably sings as it mounts upward. It is noted as a singer.

Between 405 and 420 species of birds are to be found in Colorado, the number including migratory birds that remain only for a season. All known species are on exhibition at the Colorado museum of natural history in Denver, either mounted individually or in groups or in study collections.

GEOGRAPHICAL CENTER OF COLORADO

The geographical center of Colorado, as computed by the United States geological survey, is approximately 30 miles northwest of Pikes peak, in the central eastern part of Park county between Tarryall and Lost Park creeks and to the west of Lake Cheesman. The exact position cannot be determined from the data available, but the approximate position given is sufficiently exact for ordinary purposes. The geographical center of an area may be defined as that point on which the surface of the area would be balanced if it were a plane of uniform thickness, or in other words, the center of gravity of the surface.

STATE SENATORS
(28th General Assembly)

Key: R. Republican; D. Democrat; H-O. Holdover; E. Elected in 1930; term, November, 1930-November, 1934. The term of Holdover Senators expires November, 1932.

Dist.	Name	Party	Address	Counties in District
1st-----	Ammons, Teller-----	D.E.-----	2062 Eudora St., Denver-----	-----Denver
	Fairfield, Golding-----	R.H-O-----	2244 So. Milwaukee, Denver-----	-----Denver
	Kettering, Chas. E.-----	D.E.-----	1361 Bellaire St., Denver-----	-----Denver
	Manley, George C.-----	R.E.-----	755 Lafayette St., Denver-----	-----Denver
	Quiat, Ira L.-----	D.E.-----	2388 Ash St., Denver-----	-----Denver
	Simonson, A. J.-----	R.H-O-----	2660 E. 14th Ave., Denver-----	-----Denver
	Wheatley, Edw. L.-----	R.H-O-----	2130 Tremont Pl., Denver-----	-----Denver
2nd-----	Horn, Charles F.-----	D.E.-----	111 W. 12th St., Pueblo-----	-----Pueblo
	Talbot, Ray H.-----	D.H-O-----	Pueblo-----	-----Pueblo
3rd-----	Brady, Emory J.-----	R.E.-----	Colorado Springs-----	-----El Paso
	Davis, Roy A.-----	R.H-O-----	Colorado Springs-----	-----El Paso
4th-----	Martinez, J. E.-----	D.H-O-----	Trinidad-----	-----Las Animas
5th-----	Lashley, Theo. G.-----	R.H-O-----	Boulder-----	-----Boulder
6th-----	Ehrhart, Thos. J.-----	D.E.-----	Centerville-----	-----Chaffee, Lake
7th-----	Graves, C. R.-----	R.H-O-----	New Raymer-----	-----Weld
8th-----	Murchison, F. C.-----	R.H-O-----	Arvada-----	-----Jefferson
9th-----	Evans, Richard-----	R.H-O-----	Coal Creek-----	-----Fremont
10th-----	Warren, Nate C.-----	R.E.-----	Fort Collins-----	-----Larimer
11th-----	Hillman, John E.-----	R.H-O-----	Delta-----	-----Gunnison, Delta
12th-----	King, John H.-----	D.E.-----	Sterling-----	-----Logan, Sedgwick, Phillips, Washington, Yuma
13th-----	Hansen, Harry W.-----	R.H-O-----	Craig-----	-----Jackson, Routt, Rio Blanco, Moffat
14th-----	Unfug, Adolph-----	R.E.-----	Walsenburg-----	-----Costilla, Huerfano, Custer
15th-----	Headlee, A. Elmer-----	D.E.-----	Monte Vista-----	-----Rio Grande, Saguache, Mineral
16th-----	Bannister, Ollie E.-----	D.E.-----	Grand Junction-----	-----Mesa
17th-----	Knous, Lee-----	D.E.-----	Montrose-----	-----Dolores, Montrose, San Miguel
18th-----	Rumbaugh, Chas. F.-----	D.E.-----	Pagosa Springs-----	-----Hinsdale, Ouray, San Juan, Archuleta
19th-----	Pingrey, Rowe N.-----	R.H-O-----	Durango-----	-----La Plata, Montezuma
20th-----	Peiffer, Vernon-----	D.E.-----	Cripple Creek-----	-----Teller, Park
21st-----	Rees, Claude H.-----	R.H-O-----	Rifle-----	-----Eagle, Garfield, Pitkin
22nd-----	Lininger, Alfred M.-----	R.H-O-----	Englewood-----	-----Adams, Arapahoe, Morgan
23rd-----	Ryan, James B.-----	R.H-O-----	Rocky Ford-----	-----Crowley, Otero
24th-----	Shawcroft, John W.-----	R.H-O-----	La Jara-----	-----Conejos, Alamosa
25th-----	Tempel, Fred A.-----	R.E.-----	Wiley-----	-----Baca, Bent, Kiowa, Prowers
26th-----	Flebbe, Fred W.-----	R.H-O-----	Kremmling-----	-----Clear Creek, Gilpin, Grand, Summit
27th-----	Nelson, Henry C.-----	R.E.-----	Cheyenne Wells-----	-----Kit Carson, Cheyenne, Douglas, Elbert, Lincoln

STATE REPRESENTATIVES

(28th General Assembly)

Note.—Terms of Representatives expire November, 1932.

District	Name	Party	Address
Adams	Minshall, Charles D.	D	Brighton
Alamosa	Smith, O. O.	D	Mosca
Arapahoe-Elbert	Anderson, Hugh	R	Deertrail
Boulder	Graham, James W., Jr.	D	Lafayette
Boulder	Johnson, Rudolph	R	Boulder
Chaffee	Burnett, J. A.	D	Poncha Springs
Clear Creek	Barrick, Wm. H.	D	Dumont
Conejos	Meyers, Dr. H. C.	D	Antonito
Crowley-Otero	Hunter, D. E.	D	Manzanola
Crowley-Otero	Steen, Robert A.	D	La Junta
Delta	Hotchkiss, E. Clair	D	Hotchkiss
Denver	Albright, E. S.	D	2249 Ivy St., Denver
Denver	Anderson, Joseph A.	R	3052 Wyandot St., Denver
Denver	Burchfield, William E.	R	304 Clarkson St., Denver
Denver	Collier, Malcolm Edward	R	200 So. Washington St., Denver
Denver	Henry, S. Arthur	R	1070 Humboldt St., Denver
Denver	Holland, Josiah G.	R	1368 Williams St., Denver
Denver	Kavanagh, Wm. P.	R	7335 E. 17th Ave., Denver
Denver	Morris, David	D	1425 E. 13th Ave., Denver
Denver	Phelps, Horace F.	R	191 Race St., Denver
Denver	Spangler, William E.	R	515 So. Washington St., Denver
Denver	Stafford, Clarence M.	R	419 Franklin St., Denver
Denver	Tarbell, Winfield S.	R	1748 High St., Denver
Douglas	Seidensticker, Edward G.	R	Castle Rock
Eagle	Johns, Harry C.	D	Gypsum
El Paso	Burge, D. T.	R	Colorado Springs
El Paso	Jackson, J. P.	R	Colorado Springs
El Paso	Porth, Wallace S.	R	Colorado Springs
Fremont	Kelso, Clarence A.	R	Howard
Garfield-Rio Blanco	Oldland, Reuten	D	Meeker
Gilpin	Parfet, Wilbur S.	R	Central City
Gunnison	Curtis, Wilbur L.	R	Gunnison
Hinsdale-Archuleta-Mineral	Fisher, Royal L.	D	Creede
Huerfano-Costilla	Barron, Joseph A.	D	Walsenburg
Jefferson	Johnston, David C.	D	Golden
Kiowa-Bent	Rogers, Byron G.	D	Las Animas
Lake	Hoefnagels, Edward J.	D	Leadville
La Plata	Waters, John W.	D	Durango
Larimer	Maxfield, R. A.	R	Laporte
Las Animas	Brighton, Kitty	D	Trinidad
Las Animas	Lucero, Andres	D	Trinidad
Lincoln-Cheyenne-Kit Carson	Beeler, Charles H.	R	Hugo
Logan-Sedgwick	McKinstry, Vance	R	Sedgwick
Mesa	Aspinall, Wayne N.	D	Palisade
Montezuma-Dolores	Hallar, Fred C.	D	Mancos
Montrose	Coffman, H. B.	R	Olathe
Morgan-Washington	Plummer, Joe	D	Akron
Ouray	Mowatt, Thomas	D	Ouray
Phillips-Yuma	Colver, Harry L.	R	Holyoke
Pitkin	Twining, W. H.	D	Aspen
Pueblo	Dameron, Thomas H.	D	Pueblo
Pueblo	England, W. J.	D	Pueblo
Pueblo	Grenard, G. W.	D	Pueblo
Pueblo	Leach, Albert E.	R	Pueblo
Prowers-Baca	Harris, Fred L.	R	Two Buttes
Rio Grande	Fassett, W. H.	D	Monte Vista
Routt-Moffat	Poppen, A. H.	D	Steamboat Springs
Saguache-Custer	Sutley, M. M.	D	Center
San Juan	Holman, Edwin J.	R	Silverton
San Miguel	Nelson, W. H.	R	Norwood
Summit-Grand-Jackson	Murphy, Charles P.	R	Spicer
Teller-Park	Carruthers, J. P.	R	Garo
Teller-Park	Edwards, Matt	R	Victor
Weld	LaFollette, Albert A.	D	Greeley
Weld	Smith, Moses E.	D	Ault

REPRESENTATION OF COUNTIES IN THE STATE SENATE BY AREA, POPULATION AND ASSESSED VALUATION

(Based on United States Census for 1930 and State Tax Commission Reports for 1930)

District	No. of Senators	Counties	Area in Sq. Miles	Total Population	Total Assessed Valuation
First -----	7	Denver -----	58	287,861	\$459,992,853
Second -----	2	Pueblo -----	2,433	66,038	83,025,130
Third -----	2	El Paso -----	2,121	49,570	75,322,405
Fourth -----	1	Las Animas -----	4,809	36,008	41,974,002
Fifth -----	1	Boulder -----	764	32,456	47,414,950
Sixth -----	1	Chaffee and Lake -----	1,454	13,025	17,345,985
Seventh -----	1	Weld -----	4,022	65,097	102,130,907
Eighth -----	1	Jefferson -----	808	21,810	28,644,700
Ninth -----	1	Fremont -----	1,557	18,896	22,871,813
Tenth -----	1	Larimer -----	2,629	33,137	52,357,595
Eleventh -----	1	Gunnison and Delta -----	4,380	19,731	30,348,200
Twelfth -----	1	Logan, Phillips, Sedgwick, Washington and Yuma -----	7,929	54,527	105,660,018
Thirteenth -----	1	Jackson, Moffat, Rio Blanco and Routt -----	11,822	18,579	33,531,329
Fourteenth -----	1	Costilla, Custer and Huerfano -----	3,432	24,965	24,437,936
Fifteenth -----	1	Mineral, Rio Grande and Saguache -----	4,897	16,843	23,388,009
Sixteenth -----	1	Mesa -----	3,163	25,908	30,755,510
Seventeenth -----	1	Dolores, Montrose and San Miguel -----	4,595	15,338	18,752,949
Eighteenth -----	1	Archuleta, Hinsdale, Ouray and San Juan -----	3,163	7,372	13,704,793
Nineteenth -----	1	La Plata and Montezuma -----	3,902	20,773	21,592,450
Twentieth -----	1	Teller and Park -----	2,789	6,193	13,734,720
Twenty-first -----	1	Eagle, Garfield and Pitkin -----	5,746	15,669	30,087,021
Twenty-second -----	1	Adams, Arapahoe and Morgan -----	3,390	61,176	83,861,291
Twenty-third -----	1	Crowley and Otero -----	2,067	30,324	41,862,338
Twenty-fourth -----	1	Conejos and Alamosa -----	1,979	18,405	19,300,640
Twenty-fifth -----	1	Baca, Bent, Kiowa and Prowers -----	7,504	38,252	62,647,450
Twenty-sixth -----	1	Clear Creek, Gilpin, Grand and Summit -----	3,037	6,462	20,009,703
Twenty-seventh -----	1	Cheyenne, Douglas, Elbert, Kit Carson and Lincoln -----	9,208	31,376	81,708,206

REPRESENTATION IN THE STATE HOUSE OF REPRESENTATIVES

(Based on United States Census for 1930 and State Tax Commission Reports for 1930)

Counties in Representative District	No. of Representatives	Area in Sq. Miles	Total Population	Total Assessed Valuation
Denver	12	58	287,861	\$459,992,853
Pueblo	4	2,433	66,038	83,025,130
El Paso	3	2,121	49,570	75,322,405
Weld	2	4,022	65,097	102,130,907
Larimer	1	2,629	33,137	52,357,595
Boulder	2	764	32,456	47,414,950
Mesa	1	3,162	25,908	30,755,510
Las Animas	2	4,809	36,008	41,974,002
Teller and Park	2	2,789	6,193	13,734,720
Fremont	1	1,557	18,896	22,871,813
Crowley and Otero	2	2,067	30,324	41,862,338
Jefferson	1	808	21,810	28,644,700
Arapahoe and Elbert	1	2,699	29,227	40,434,992
Garfield and Rio Blanco	1	6,330	12,955	24,008,570
Delta	1	1,201	14,204	14,688,795
Montrose	1	2,264	11,742	12,050,922
Conejos	1	1,252	9,803	9,205,570
Alamosa	1	727	8,602	10,095,070
Adams	1	1,262	20,245	32,186,300
Pitkin	1	1,019	1,770	3,816,490
La Plata	1	1,851	12,975	15,351,155
Lake	1	371	4,899	7,487,005
Rio Grande	1	898	9,953	11,137,246
Chaffee	1	1,083	8,126	9,858,980
Morgan and Washington	1	3,807	27,875	43,640,236
Clear Creek	1	390	2,155	5,434,895
Gilpin	1	132	1,212	3,204,732
Ouray	1	519	1,784	4,092,453
San Juan	1	453	1,935	3,796,488
Logan and Sedgwick	1	2,353	25,526	49,526,549
Phillips and Yuma	1	3,055	19,410	40,211,995
Gunnison	1	3,179	5,527	15,659,405
Saguache and Custer	1	3,880	8,374	13,658,899
Douglas	1	845	3,498	11,837,705
Lincoln, Kit Carson and Cheyenne	1	6,506	21,298	53,391,738
Kiowa and Bent	1	3,322	12,920	26,764,640
Prowers and Baca	1	4,182	25,332	35,882,810
San Miguel	1	1,288	2,184	4,635,150
Archuleta, Hinsdale and Mineral	1	3,057	4,293	7,483,151
Moffat and Routt	1	6,967	14,213	24,064,494
Grand, Jackson and Summit	1	4,147	4,481	15,040,816
Eagle	1	1,620	3,924	8,058,056
Costilla and Huerfano	1	2,685	22,841	21,362,501
Dolores and Montezuma	1	3,094	9,210	8,308,172

AREA, POPULATION AND VALUATION FOR EACH SENATOR AND REPRESENTATIVE IN DISTRICTS HAVING MORE THAN ONE SENATOR OR REPRESENTATIVE

(Based on United States Census for 1930 and State Tax Commission Reports for 1930)

District	Representation	For Each Senator			For Each Representative		
		Sq. Mi.	Pop.	Valuation	Sq. Mi.	Pop.	Valuation
Denver	7 Sen. 12 Rep.	8.3	41,123	\$65,713,265	4.8	23,988	\$38,332,737
Pueblo	2 Sen. 4 Rep.	1,216	33,019	41,512,565	608	16,510	20,756,283
El Paso	2 Sen. 3 Rep.	1,060	24,785	37,661,203	707	16,523	25,107,469
Boulder	2 Rep.				382	16,228	23,707,475
Las Animas	2 Rep.				2,405	18,004	20,987,001
Crowley and Otero	2 Rep.				1,034	15,162	20,931,169
Weld	2 Rep.				2,011	32,549	51,065,454
Teller and Park	2 Rep.				1,394	3,096	6,867,360

ELECTED COUNTY OFFICIALS, 1931

COUNTY	CLERK	TREASURER	ASSESSOR	SHERIFF
Adams	Fred O. Pearce	Ben Shearston	J. W. Tarlton	Lee Templeton
Alamosa	E. B. Cornell	A. C. Kline	Olof Bergman	Tom W. Taylor
Arapahoe	E. E. Anderson	Claude Cartwright	C. E. Watlington	John M. Haynes
Archuleta	Philip R. Johnson	Fred Catchpole	Kenneth D. Hill	John H. Lattin
Baca	Walter P. Powell	Jesse L. Homer	V. L. Finch	Wm. E. Duniava
Bent	Bernice Limbach	William B. Nichols	J. H. Price	Dan Gates
Boulder	Fred W. Burger	Francis Beckwith	Aylwin Smith	Robert V. Blum
Chaffee	A. W. Samson	Elizabeth Burke	Theodore Jacobs	Lewis Hollenbeck
Cheyenne	E. H. Akerly	Jennie E. Ross	R. A. Martinson	W. D. Coe
Clear Creek	C. S. Work	W. E. Walthers	Edmund Rowse	Edward Burns
Conejos	J. G. Lopez	Miss Ella J. Menke	Severiano Ortiz	J. Parley Haynie
Costilla	J. J. Jaramillo	Fred Trujillo	Zacarias Gallegos	Timothy Martiner
Crowley	R. R. Franklin	Paul M. Williams	A. W. Drescher	Gomer R. Curtis
Custer	Willard A. Walker	L. H. Schoolfield	Fred W. Stewart	Mel H. Manning
Delta	Paul K. Osborne	C. A. Bowle	Thos. C. Wand	C. E. Vanaken
Denver*				
Dolores	E. C. Jordan	Herald Keown	M. H. Posey	John Gage
Douglas	Arch Curtis	Fred L. Bean	Hugh L. Shellabarger	C. H. Lowell
Eagle	Nettie M. Cave	Herman A. Stein	Moulton Chambers	W. M. Wilson
Elbert	Loyd L. Moreland	J. W. Worrall	Jas. F. Mauldin	G. R. Brown
El Paso	C. R. Furrow	Albert H. Horton	A. W. Sparkman	Robert M. Jackson
Fremont	Bessie McQuown	Earell E. Kissinger	Rush W. Irish	Henry Koerner
Garfield	Walter J. Frost	Chas. H. King	John C. Rigney, Jr.	George L. Winters
Gilpin	Clifford I. Parsons	Hugh L. Lawry	W. O. Ziege	Oscar Williams
Grand	R. O. Throckmorton	W. S. Kennedy	Simon Olson	Mark E. Fletcher
Gunnison	Sam C. Hartman	B. H. Snyder	Chas. F. Whinnery	Ed T. Lindsley
Hinsdale	Mabel B. Rawson	Wm. F. Green	Mrs. Alice Halpin	Hugh Coburn
Huerfano	Damacio Vigil	Charles Haines	Alex M. Guerrero	Harry J. Capps
Jackson	L. F. Mitchell	Florence A. Wilkins	Wm. H. Winscom	John D. Bulis
Jefferson	M. C. Everett	S. A. Koenig	Paul V. Pattridge	James G. Biggens, Jr.
Kiowa	Ithal Jenkins	C. W. Coughenour	W. Harry Bradley	W. P. Mayne
Kitt Carson	Bessie B. Guthrie	John S. Boggs	Leonard I. Dawson	Hugh Baker
Lake	John Gregory	Frank E. Kendrick	John J. Bohen	Morgan Walsh
La Plata	Edith C. Kiel	Erwin A. Chubb	Chas. H. Conroy	Harry T. Ayres
Larimer	H. D. Hubbell	C. S. Ickes	W. L. Soles	Orville P. Kelley
Las Animas	Juan B. Romero	Frank R. Dunlavy	A. Tom McCarty	Elijah A. Duling
Lincoln	Miss Nellie Noble	Wm. M. Jones	J. Frank Riordan	C. G. Zimmerman
Logan	Edith Kane	D. B. Delzell	Robert Swinney	Ray R. Powell
Mesa	Denzel L. Yarnell	W. S. Meek	Bert L. Logsdon	Chas. S. Lumley
Mineral	H. D. Barnhart	Wm. T. Jackson	John J. Weaver	Wm. Orthen
Moffat	Monte McMahan	Raymond A. Curtis	E. V. Haughey	Tom G. Blevins
Montezuma	Mabel C. Waldron	Claude H. Wilson	J. G. Dunning	W. W. Dunlar
Montrose	S. V. Hobaugh	J. W. Goldsmith	C. I. Moore	A. M. McAnally
Morgan	Loyal C. Baker	Edw. H. Madison	Clem S. Lee	Rufus A. Johnston
Otero	Carlos M. Wilson	John N. Lamb	Roy P. Walton	A. F. Dobbins
Ouray	Harold F. Kiesel	Harry E. Stark	Patricio Stealey	Harve E. Israe
Park	Harry L. Moyer	Frank H. Stevens	Harry C. Bishop	Neal W. Brown
Phillips	Albert E. Correll	T. H. Hargreaves	Roy E. Owens	Frank A. Berge
Pitkin	M. M. Neihardt	Robert S. Killey	Paul R. Caley	J. H. Nicholas
Prowers	Vera Rosenbrough	Fred Clark	Jesse Wright	L. E. Alderman
Pueblo	William Barber	Will D. Grisard	Geo. N. Bright	Lewis Worke
Rio Blanco	Claude J. Wilson	Geo. E. Aicher	Frank W. Hossack	J. Sam Gourley
Rio Grande	D. D. Shakespeare	Edna L. McGuire	James S. Rhodus	A. H. Webster
Routt	John D. Crawford	Edward W. Davis	Clarence Horton	Fred Foste
Saguache	John T. Seyfried	Florence G. Williams	Homer Holland	Ed Pau
San Juan	Ida L. Grimes	R. H. Doud	A. M. Kimball	M. H. Dou
San Miguel	Harold T. Hogan	Chas. L. Spillman	M. E. Ballard	Jerry Heldma
Sedgwick	Ferne Sheaffer	E. E. Fellers	Buford Hargrove	R. L. Irelan
Summit	E. C. Peabody	Geo. Robinson	Edward T. Stuard	J. G. Detwile
Teller	S. L. Cox	W. D. Tatum	Henry Fisher	J. G. Chillo
Washington	Gertrude E. Palmer	Ezra Alishouse	Burel Davis	Irving Moffi
Weld	Harley C. Grable	J. R. Patterson	Homer E. Bedford	W. W. Wyat
Yuma	J. H. Stevenson	P. T. Edmunds	B. H. Yount	C. A. Yate

*Denver's officers are municipal, rather than county. See Gazetteer of cities and towns in cover pocket.

ELECTED COUNTY OFFICIALS, 1931—Continued

COUNTY	COUNTY JUDGE	CORONER	SURVEYOR	SUPERINTENDENT OF SCHOOLS
Adams	F. F. Hunter	Geo. H. Carr	Peter O'Brian, Sr.	Bertha L. Baker
Alamosa	James Hyndman	R. J. Bruner	Mark U. Watrous	Mrs. M. L. Brownell
Arapahoe	Henry Bruce Teller	Jay M. Hatfield	John W. Black	Minnie O. Davis
Archuleta	F. A. Byrne	A. J. Nossaman	Robt. A. Howe	Susie J. Ford
Baca	T. Eldon Allen	Dr. W. P. Verity		Clyde Sone
Bent	George H. Stuntz	George Powell	Sydney Flynn	Loren D. Root
Boulder	E. J. Ingram	Albert E. Howe	George E. Wilson	Isabella D. Mayhoffer
Chaffee	Joseph Newitt	L. B. Stewart	Howard Sneddon	Bessie M. Shewalter
Cheyenne	V. H. Johnson	A. H. Brentlinger	D. H. Zuck	Olive E. McCormish
Clear Creek	C. J. Nicholas	R. H. Pearce	C. L. Harrington	Elia N. Conwell
Conejos	Culver A. Green	Earl H. Thomas	J. F. Thomas	Mrs. Estella Sowards
Costilla	J. E. Sanchez	Levi W. Silhelm	A. H. Martin	Eleuto Medina
Crowley	James E. Downey	J. E. Jeffery	J. Logan Tucker	Nona Broadbent
Custer	Edward L. Mott	Chas. A. Menzel	August Koppe	Lou C. Beaman
Delta	Frank M. Goddard	E. A. Martin	Horace D. Graham	Florence C. Weeks
Denver*				
Dolores	G. M. Mullins	Chas. Engel	Percy R. Krantz	Mary E. Livingston
Douglas	John Anderson	Geo. L. Carmer	H. H. Curtis	Mrs. Eli E. Bennet
Eagle	Albert K. Ethel	Dr. N. Dymenberg	Roy Jordan	Anna M. Anderson
Elbert	Frank S. Turner	C. L. Nelson	D. M. Sultz	N. N. Bailey
El Paso	J. F. Sanford	Dr. G. B. Gilmore	R. M. Cannon	Lucile Dee Horton
Fremont	Kent L. Eldred	Kon Wyatt	L. D. Miller	Jane L. Powell
Garfield	J. W. Bell	Dr. G. A. Hopkins	W. H. Trumbor	Grace A. Blair
Gilpin	Louis J. Carter	G. L. Hamlik		Matilda Stroeble
Grand	J. N. Pettingell	A. C. Sudan	F. I. Huntington	Dorothy Traber
Gunnison	Sprigg Shackelford	Alex. Campbell	J. H. Robinson	Bertha McLain
Hinsdale	F. C. French	L. T. Bean	B. N. Ramsey	Mrs. W. J. Ramsey
Huerfano	W. W. Hammond	Dr. W. S. Chapman	Sidney Wilburn	Martha Thorne
Jackson	K. J. McCallum	C. E. Mosman	J. A. McNamara	Ethlyn F. Riddle
Jefferson	Chas. McCall	William Woods	H. W. Gardner	Miriam Brown
Kiowa	W. M. Ramsdale	James G. Hopkins		Alma D. Vrooman
Kit Carson	Clarence M. Smith	Orin P. Penny	Ira B. Rowbotham	Della Hendricks
Lake	Thomas Evans	James J. Corbett	Fred J. McNair	Mary A. Clune
La Plata	C. L. Russell	O. B. Rensch	A. L. Kroeger	Sarah J. Larrabee
Larimer	John A. Cross	Charles J. Day	James H. Andrews	Mrs. U. S. Williams
Las Animas	David M. Ralston	Robert G. Sipe	Earl T. Lindsay	W. F. Templin
Lincoln	P. O. Hedlund	W. M. Deits	Chas. E. Musser	Mrs. J. G. Olesen
Logan	H. Lawrence Hinkley	D. A. Jackson	J. E. Youngquist	Kate Lester
Mesa	N. C. Miller	E. A. Krohn	F. C. Merriell	Rose Bishop
Mineral	Clarence Y. Butler	W. H. Warren	Don C. LaFont	Eva Comstock
Moffat	LeRoy Tucker	Jay D. Fields	F. M. Drescher	J. Berneice Keely
Montezuma	J. M. Brumley	Dr. E. E. Johnson	W. H. Blake	Myrtle E. Jordan
Montrose	L. C. Kimkin	Dr. F. Schermerhorn	J. E. McDaniel	Lucile Audrear
Morgan	C. C. Riekle	L. H. Parker	A. W. Hill	Laura N. Burchsted
Otero	E. C. Glenn	Carl M. Ustick	Vincent Guthrie	A. J. McFarland
Ouray	R. J. Norpel	Dr. C. V. Bates	Geo. R. Hurlburt	Anna L. Grabow
Park	J. H. Fisher	Dr. Frank Dunkle	Gerald F. Galloway	Margaret Gibson
Phillips	S. S. Worley	Harry B. Radford	C. A. Guernsey	Edna Youtsey
Pitkin	Wm. R. Shaw	Walter Acheson	D. P. Rohlfing	Hattie B. Burch
Provers	J. C. Horn	C. T. Knuckey	Geo. H. Russell	Retta Provers
Pueblo	Frank G. Mirick	Dr. C. N. Caldwell	Chas. A. Reese	Lillie O. Baker
Rio Blanco	John E. Wix	J. L. Tagert	M. D. Hopkins	Nell M. Cunningham
Rio Grande	M. T. Hancock	George Nicoll	Glenn O. Cochran	Nina M. Weiss
Routt	John M. Childress	A. W. Heyer	Stanley Dismuke	Pearl A. Funk
Saguache	M. N. Jordan	Dr. S. E. Kortright	S. Oscar Proffitt	Mrs. Lulu Marold
San Juan	Wm. Palmquist	W. E. Maguire	O. H. Metzger	Anna C. Bell
San Miguel	H. E. Dill	M. M. Blair	B. W. Purdy	Minton S. Donegan
Sedgwick	J. F. Lunsford	G. H. Austin	Chas. M. Slusser	Elizabeth K. Zorn
Summit	F. S. Phillips		James D. Galloway	Mary S. Hallen
Teller	Wm. Mellen	Florence Craven	Henry Nelson	Mrs. L. S. Davis
Washington	W. M. Potter	Walter T. Gough	M. F. Vance	Mary M. Young
Weld	George H. VanHorn	Dr. J. A. Weaver	L. L. Stimson	F. A. Ogle
Yuma	I. L. Barker	Jas. M. Knowles	D. O. Crum	A. E. Stevenson

*Denver's officers are municipal, rather than county. See Gazetteer of cities and towns in cover pocket.

COUNTY COMMISSIONERS, 1931

- Adams—H. L. Prather, George S. Kemp, R. S. Mcintosh.
- Alamosa—R. E. Sellers, Chas. Spelser, Herman Emperius.
- Arapahoe—O. C. Hoffman, C. O. Sevier, W. W. Hanson.
- Archuleta—Louis Montoy, David Hersch, W. Zabuskie.
- Baca—J. C. Lent, H. C. Kett, F. H. Schnauffer.
- Bent—Stanley Lee, F. A. Froman, Prowers Hudnall.
- Boulder—E. B. Hill, Sanford D. Buster, Wm. Mitchell.
- Chaffee—H. Lovel Johnson, P. J. Schlosser, Myron Beswick.
- Cheyenne—Chas. E. Collins, F. H. Hadley, W. A. Baber.
- Clear Creek—Geo. H. Curnow, Chas. F. Lawson, Joseph Cottingham.
- Conejos—J. E. Braiden, J. B. Velasquez, Ben. F. Espinoza.
- Costilla—S. M. Pacheco, J. M. Pinney, Henry Markwell.
- Crowley—J. G. Boget, Chas. Roth, F. D. Taylor.
- Custer—A. H. Johnston, Chas. J. Donahoe, Ernest H. Georges.
- Delta—Manford Gallup, Geo. S. Roller, W. F. McMurray.
- Denver—Walter B. Lowry, H. E. Shannon and William E. McGlone.
- Dolores—S. M. Conn, J. E. Evans, R. W. Prout.
- Douglas—A. E. Falling, L. R. Higby, X. J. Baldauf.
- Eagle—Gulling Offerson, Wayne T. Jones, Alfred M. Sloss.
- Elbert—I. W. Northrup, R. E. Carver, J. W. Dennes.
- El Paso—W. H. Bartell, W. F. Starsmore, David B. Campbell.
- Fremont—John B. Bald, D. N. Cooper, Wm. H. Smith.
- Garfield—J. L. Heuschkel, Otto Hahnewald, Lynn Kennedy.
- Gilpin—John Hancock, W. T. Sterling, A. M. Fairchild.
- Grand—Frank Stafford, Geo. Goranson, Glenn Sheriff.
- Gunnison—Frank Comstock, R. A. Little, W. H. Whalen.
- Hinsdale—John R. Liska, W. O. Baker, B. F. Cummings.
- Huerfano—Allen J. Roush, Fred A. Diez, George S. Niebuhr.
- Jackson—T. John Payne, Wm. L. Doner, Harry Green.
- Jefferson—John R. Browne, W. G. Duval, Gus A. Johnson.
- Kiowa—P. O. Meyer, A. F. Wenger, J. O. Walker.
- Kit Carson—R. A. Bowers, J. O. Hendricks, John F. Lueken.
- Lake—Charles E. Slavin, Pat McCarthy, John F. McGuire.
- La Plata—W. I. Gifford, W. E. Tyner, Fred Pierce.
- Larimer—A. L. Johnson, J. W. McMullin, Henri McClelland.
- Las Animas—I. B. Rogers, Frank Patterson, Mauro Cordova.
- Lincoln—James D. Peyton, Dan Newberry, Henry Hoepner.
- Logan—J. N. Hamil, C. M. Morris, S. A. Richerson.
- Mesa—Thomas McKelvie, E. T. Mathews, H. O. Lambeth.
- Mineral—C. O. Withrow, W. C. Sloan, John G. Dahney.
- Moffat—Roy Templeton, C. M. Downs, Thos. S. Iles.
- Montezuma—S. C. Engelhart, George W. Menefee, E. S. Porter.
- Montrose—C. C. Sheats, John Howell, H. P. Steel.
- Morgan—O. B. Schooley, I. G. Aker, Geo. Glenn.
- Otero—Irving F. Haines, John W. Beaty, R. P. Lewis.
- Ouray—E. C. Fisher, Harry Gavin, J. W. Donald.
- Park—Hollis R. Mills, Arch W. Head, John D. Buyer.
- Phillips—R. Claymon, S. J. Meakins, John Sandquist.
- Pitkin—G. B. Brown, Louis Vagneur, John R. Williams.
- Prowers—L. M. Appel, H. H. Hunter, M. J. McMillin.
- Pueblo—W. L. Rees, P. G. Kay, J. W. Goss.
- Rio Blanco—R. C. Russell, Wm. D. Simms, Fred A. Nichols.
- Rio Grande—Louie Eickenrodt, O. A. Lindstrom, H. J. Gilbreath.
- Routt—Wm. Scheer, Wm. H. Kleckner, Stanley Larson.
- Saguache—J. W. Alexander, E. E. Wilson, W. E. Gardner.
- San Juan—Phil Santy, John Glanville, Norman Bawden.
- San Miguel—M. L. Anderson, Horace Joseph, Edgar C. Haskill.
- Sedgwick—Oscar Francon, W. T. Johnson, R. L. Franklin.
- Summit—Andrew Lindstrom, B. F. Rich, Chas. W. Bradley.
- Teller—Alf Coulson, S. M. Pinion, H. L. Potts.
- Washington—A. Mitchell, J. R. Shirley, V. E. Beck.
- Weld—S. K. Clark, Wm. A. Carlson, Jas. S. Ogilvie.
- Yuma—W. L. Hadlock, Byron Taylor, Harry M. McKinney.

COLORADO'S VOTE BY YEARS FOR PRESIDENT AND GOVERNOR

Year	President		Governor	
	Republican	Democrat	Republican	Democrat
1876	.....	.....	13,316	14,154
1878	.....	.....	14,396	11,573
1880	27,450	24,647	.....	.....
1882	.....	.....	27,552	29,897
1884	36,290	27,723	30,471	27,420
1886	.....	.....	26,533	28,129
1888	50,774	37,567	.....	.....
1890	.....	.....	.....	.....
1892	38,620	*53,584	38,806	8,944
1894	.....	.....	93,502	8,337
1896	26,279	161,269	71,816	87,387
1898	.....	.....	50,880	92,274
1900	93,039	122,733	93,245	121,995
1902	.....	.....	87,512	80,217
1904	134,687	100,105	113,499	124,617
1906	.....	.....	92,646	74,512
1908	123,700	126,644	118,953	130,141
1910	.....	.....	97,648	115,627
1912†	58,386	114,232	63,061	114,044
1914†	.....	.....	129,096	95,640
1916§	102,308	178,816	117,723	151,962
1918	.....	.....	112,693	102,397
1920	173,298	104,936	174,488	108,738
1922	.....	.....	134,353	138,098
1924¶	193,956	75,238	177,298	150,229
1926	.....	.....	116,756	183,342
1928	253,872	133,131	144,167	240,160
1930	.....	.....	124,157	197,067

* People's party.

† Progressive party vote was 72,306 for president and 66,132 for governor. Socialist vote, 16,418 for president and 16,194 for governor.

‡ Progressive vote for governor was 33,320; Socialist, 10,516.

§ Socialist vote, 10,049 for president and 12,495 for governor.

¶ La Follette Progressive vote for president, 57,368.

|| In 1892 Populist vote for governor was 44,242.

In 1894 Populist vote for governor was 74,894.

Vote for governor in 1880, 1888 and 1890 is not available.

OFFICIAL STATE FLOWER

The twelfth general assembly of the Colorado legislature enacted a measure declaring the white and lavender columbine to be the state flower of the state of Colorado. It was approved April 4, 1899, by Gov. Charles S. Thomas.

STATE SONG

The twentieth general assembly of the Colorado legislature enacted a measure approved on May 8, 1915, by Gov. George A. Carlson, by which a song entitled "Where the Columbines Grow" was adopted as the official state song of Colorado to be used on all appropriate occasions. The words and music were written and composed by Dr. Arthur J. Fynn, a prominent educator identified for many years with the Denver public schools. Following the death of Dr. Fynn in 1931, Mrs. Rose C. Fynn, his widow, presented

the copyright to the Daughters of Colorado, an organization of native-born Colorado women, which will use the proceeds of sales to erect markers on historic spots throughout the state. On July 10, 1931, the Columbine Day association dedicated a blue spruce tree on the state capitol ground in honor of Dr. Fynn.

POET LAUREATE

The office of state poet laureate is an honorary one created by gubernatorial action and without legislative enactment. It has been held by only two persons. Alice Polk Hill, a Colorado pioneer, was appointed to the office on September 10, 1919, by Gov. Oliver H. Shoup. On January 24, 1923, the present incumbent, Nellie Burget Miller, of Colorado Springs, was appointed to the office by Gov. William E. Sweet to fill a vacancy caused by the death of Mrs. Hill.

ELECTION RETURNS BY COUNTIES FOR PRESIDENT

COUNTY	1920		1924			1928	
	Harding Rep.	Cox Dem.	Coolidge Rep.	Davis Dem.	La Follette Prog.	Hoover Rep.	Smith Dem.
Adams	2,538	1,617	2,955	1,209	893	4,031	2,265
Alamosa	1,090	953	1,012	625	812	1,759	1,239
Arapahoe	2,805	1,697	4,222	1,209	997	6,086	2,463
Archuleta	704	390	453	269	291	610	447
Baca	1,594	107	1,125	653	559	2,108	524
Bent	1,528	905	1,475	804	417	1,957	741
Boulder	6,483	4,226	7,614	3,273	1,839	9,457	4,363
Chaffee	1,527	1,244	1,322	612	1,017	1,880	1,230
Cheyenne	820	359	837	236	399	945	500
Clear Creek	771	517	726	284	80	790	481
Conejos	1,587	892	1,463	995	137	1,463	1,692
Costilla	780	787	744	665	92	657	1,070
Crowley	1,345	769	1,079	667	324	1,243	635
Custer	540	290	415	281	221	600	389
Delta	2,557	1,725	2,689	1,345	781	3,731	1,672
Denver	42,742	21,551	59,047	15,764	13,054	73,543	41,238
Dolores	192	154	100	157	169	387	278
Douglas	958	561	869	383	248	1,107	603
Eagle	854	667	680	431	414	1,014	570
Elbert	1,639	687	1,396	506	539	1,933	738
El Paso	9,426	5,112	9,965	4,140	3,636	16,243	5,069
Fremont	2,952	2,259	4,422	1,560	1,135	5,365	2,352
Garfield	1,914	1,472	1,927	917	808	2,435	1,562
Gilpin	420	194	361	161	124	299	236
Grand	660	562	658	308	239	770	451
Gunnison	1,060	1,024	1,125	598	744	1,456	1,135
Hinsdale	146	64	133	79	53	128	106
Huerfano	2,590	2,298	2,802	1,219	1,570	3,260	3,343
Jackson	388	120	385	111	72	401	249
Jefferson	3,632	1,983	4,861	1,271	1,312	6,754	2,880
Kiowa	839	515	781	431	430	1,024	458
Kit Carson	1,857	803	2,030	720	574	2,486	1,137
Lake	1,295	950	1,024	613	510	990	1,449
La Plata	1,687	1,458	1,474	1,516	930	2,837	1,872
Larimer	5,633	2,709	6,486	1,970	533	8,213	3,203
Las Animas	4,757	4,217	5,721	2,758	2,936	5,367	6,459
Lincoln	1,828	983	1,647	634	384	2,110	888
Logan	3,150	1,916	2,898	946	1,315	4,377	1,620
Mesa	3,642	3,154	4,053	2,388	2,291	6,446	3,223
Mineral	184	147	150	101	70	144	187
Moffat	1,287	597	1,012	647	151	1,346	710
Montezuma	946	755	686	721	557	1,341	772
Montrose	2,197	1,500	2,071	1,239	1,106	2,873	1,297
Morgan	2,920	1,121	3,267	757	370	4,197	1,242
Otero	2,733	2,700	4,624	1,938	1,106	5,788	1,876
Ouray	706	443	496	256	307	535	479
Park	504	328	645	316	158	740	419
Phillips	1,175	468	1,058	397	635	1,440	705
Pitkin	474	407	437	204	121	485	454
Prowers	2,659	1,247	2,566	1,042	505	3,228	1,216
Pueblo	9,687	7,921	10,609	4,917	3,460	15,541	7,881
Rio Blanco	777	456	741	407	64	860	429
Rio Grande	1,696	996	1,588	922	391	2,254	1,226
Routt	1,878	1,244	1,824	1,116	229	2,304	1,645
Saguache	1,179	733	1,211	591	234	1,491	854
San Juan	332	291	215	206	55	277	436
San Miguel	925	685	673	567	251	721	554
Sedgwick	834	385	799	372	297	1,247	580
Summit	400	389	343	241	124	362	306
Teller	1,562	1,047	1,262	592	616	1,184	1,037
Washington	2,099	1,066	1,771	720	681	2,132	851
Weld	10,347	5,226	10,211	3,406	2,169	13,719	5,762
Yuma	2,673	1,278	2,721	865	832	3,401	1,383
Total	171,104	103,321	193,956	75,238	57,368	253,872	133,131

Bank Statistics

THERE were 257 active banks located in Colorado on December 31, 1930. These included all institutions operating under federal and state charters. The combined assets of these banks at the close of 1930 amounted to \$379,998,686 and their deposits aggregated \$309,991,117. A table published herewith shows the number of banks, loans and discounts, deposits and assets at the close of each calendar year beginning with 1916. The figures indicate the expansion of

business during the war period, the post-war adjustment and the recovery in more recent years. Another accompanying table shows loans and discounts, deposits and total assets of banks by counties as of December 31, 1930, with comparative figures for 1929. A third table gives the bank clearings in the principal cities by years and a fourth contains a list of all banks in the state by counties and the cities and towns in which they are located.

COLORADO BANK STATISTICS

(As of December 31 of the Year Named)

YEAR	No. of Banks	Loans and Discounts	Total Deposits	Total Assets
1916	*	\$128,371,147	\$228,154,528	*
1917	*	155,557,002	257,115,214	\$299,885,059
1918	373	164,633,522	255,887,031	305,782,264
1919	403	211,091,565	319,594,259	381,780,464
1920	402	219,304,410	296,208,939	368,644,393
1921	387	189,272,334	270,207,824	327,655,318
1922	311	193,293,542	304,585,906	367,510,948
1923	357	183,994,720	299,786,014	355,960,695
1924	338	181,523,399	329,909,726	380,811,824
1925	317	169,220,508	321,062,937	364,966,320
1926	306	165,407,957	321,696,881	366,082,565
1927	284	162,723,310	321,739,131	*
1928	284	172,236,431	327,598,487	371,722,374
1929	275	172,871,041	311,040,485	357,265,623
1930	257	147,521,449	309,991,117	379,998,686

*Data not available.

BANK CLEARINGS OF PRINCIPAL CITIES

Year	Denver	Pueblo	Colorado Springs
1920	\$1,968,274,696	\$52,079,068	\$62,282,893
1921	1,527,547,229	41,480,801	50,096,140
1922	1,551,636,800	40,394,514	53,841,091
1923	1,655,870,320	44,549,719	61,091,662
1924	1,611,163,932	50,384,169	56,755,109
1925	1,732,799,082	59,266,536	63,681,224
1926	1,688,644,834	63,275,607	61,751,001
1927	1,732,674,525	69,302,494	64,167,039
1928	1,863,582,872	76,582,861	70,177,442
1929	2,027,274,024	90,395,740	71,753,636
1930	1,694,207,214	79,301,192	61,740,665

Colorado Banks

(As of January 1, 1931)

Adams County

First National Bank	Aurora
Bennett State Bank	Bennett
American State Bank	Brighton
First National Bank	Brighton

Alamosa County

Alamosa National Bank	Alamosa
American National Bank	Alamosa
First State Bank of Alamosa	Alamosa
Hooper State Bank	Hooper

Arapahoe County

Byers State Bank	Byers
First National Bank	Deertrail
First National Bank	Englewood
Englewood State Bank	Englewood
First National Bank	Littleton
Littleton National Bank	Littleton
First National Bank	Strasburg

Archuleta County

Citizens Bank of Pagosa Springs	Pagosa Springs
---------------------------------	----------------

Baca County

First State Bank	Pritchett
First National Bank	Springfield
Bank of Baca County	Two Buttes
Colorado State Bank	Walsh

Bent County

Bent County Bank	Las Animas
First National Bank	Las Animas
McClave State Bank	McClave

Boulder County

Boulder National Bank	Boulder
Citizens National Bank	Boulder
First National Bank	Boulder
Mercantile Bank & Trust Co.	Boulder
National State Bank	Boulder
Broomfield State Bank	Broomfield
First National Bank	Lafayette
First National Bank	Longmont
Colorado Bank & Trust Co.	Longmont
Longmont National Bank	Longmont
First State Bank of Louisville	Louisville
State Bank of Lyons	Lyons
Niwot State Bank	Niwot

Chaffee County

First National Bank	Buena Vista
First National Bank	Salida
Commercial National Bank	Salida

Cheyenne County

Cheyenne County State Bank	Cheyenne Wells
Kit Carson State Bank	Kit Carson

Clear Creek County

Bank of Georgetown	Georgetown
Bank of Idaho Springs	Idaho Springs
First National Bank	Idaho Springs

Conejos County

Commercial State Bank	Antonito
First National Bank	La Jara
Colonial State Bank	Manassa

Costilla County

Blanca State Bank	Blanca
San Luis State Bank	San Luis

Crowley County

Crowley State Bank	Crowley
First National Bank	Ordway
Ordway State Bank	Ordway
Olney Springs State Bank	Olney Springs
State Bank of Sugar City	Sugar City

Custer County

Westcliffe State Bank	Westcliffe
-----------------------	------------

Delta County

First National Bank	Cedaredge
Crawford State Bank	Crawford
Colorado Bank & Trust Co.	Delta
First State Bank	Hotchkiss
First National Bank	Paonia
Fruit Exchange Bank	Paonia

Denver County

American National Bank	Denver
Colorado State Bank of Denver	Denver
Central Savings Bank & Trust Co.	Denver
Colorado National Bank	Denver
Denver National Bank	Denver
First National Bank	Denver
Guardian Trust Co.	Denver
International Trust Co.	Denver
Motor Bank	Denver
National City Bank	Denver
Stockyards National Bank	Denver
South Denver Bank	Denver
United States National Bank	Denver

Dolores County

No Banks.

Douglas County

Castle Rock State Bank	Castle Rock
First National Bank	Castle Rock
Douglas County Bank	Parker

Eagle County

First National Bank	Eagle
---------------------	-------

Elbert County

Agate State Bank	Agate
Elbert County State Bank	Elbert
Elizabeth State Bank	Elizabeth
Kiowa State Bank	Kiowa
Stockgrowers State Bank	Kiowa
Simla State Bank	Simla

El Paso County

First State Bank of Calhan	Calhan
City National Bank	Colorado Springs
Colorado Savings Bank	Colorado Springs
Colorado Springs National Bank	Colorado Springs
Colorado Title & Trust Co.	Colorado Springs
Exchange National Bank	Colorado Springs
First National Bank	Colorado Springs
State Savings Bank	Colorado Springs
Bank of Manitou	Manitou
Farmers State Bank	Peyton
State Bank of Ramah	Ramah

Fremont County

Colorado State Bank	Canon City
First National Bank	Canon City
Fremont County National Bank	Canon City
First National Bank	Florence

Garfield County

First National Bank	Carbondale
Citizens National Bank	Glenwood Springs
First National Bank	Glenwood Springs
Garfield County State Bank	Grand Valley
New Castle State Bank	New Castle
First State Bank	Silt

Gilpin County

First National Bank	Central City
---------------------	--------------

Grand County

First State Bank of Sulphur Springs	Hot Sulphur Springs
Bank of Kremmling	Kremmling

Gunnison County

Bank of Crested Butte.....Crested Butte
First National Bank.....Gunnison
Gunnison Bank & Trust Co.....Gunnison

Hinsdale County

No Banks.

Huerfano County

First National Bank.....La Veta
First National Bank.....Walsenburg
Guaranty State Bank.....Walsenburg

Jackson County

No banks.

Jefferson County

First National Bank.....Arvada
Rubey National Bank.....Golden

Kiowa County

First National Bank.....Eads
Eads State Bank.....Eads
Peoples State Bank of Towner.....Towner

Kit Carson County

Bethune State Bank.....Bethune
Stockgrowers State Bank.....Burlington
First National Bank.....Flagler
Seibert State Bank.....Seibert
First National Bank.....Stratton

Lake County

Carbonate American Nat'l Bank.....Leadville

La Plata County

Burns National Bank.....Durango
Durango Trust Company.....Durango
First National Bank.....Durango
Ignacio State Bank.....Ignacio

Larimer County

Berthoud National Bank.....Berthoud
Estes Park Bank.....Estes Park
First National Bank.....Ft. Collins
Fort Collins National Bank.....Ft. Collins
Poudre Valley National Bank.....Ft. Collins
Larimer Co. Bank & Trust Co.....Loveland
First National Bank.....Loveland
First National Bank.....Wellington

Las Animas County

Commercial Savings Bank.....Trinidad
First National Bank.....Trinidad
Trinidad National Bank.....Trinidad

Lincoln County

First National Bank.....Hugo
First National Bank.....Limon
Limon National Bank.....Limon

Logan County

First State Bank.....Crook
First National Bank.....Fleming
Iliff State Bank.....Iliff
Merino State Bank.....Merino
First National Bank.....Peeetz
Commercial Savings Bank.....Sterling
First State Bank.....Sterling
Security State Bank.....Sterling

Mesa County

Stockman's Bank.....Collbran
Bank of DeBeque.....DeBeque
First National Bank.....Fruita
Grand Valley National Bank.....Grand Junction
United States Bank.....Grand Junction
Palisades National Bank.....Palisades

Mineral County

No Banks.

Moffat County

Craig National Bank.....Craig
First National Bank.....Craig

Montezuma County

Montezuma Valley National Bank.....Cortez
J. J. Harris & Company, Bankers.....Dolores
First National Bank.....Mancos

Montrose County

First National Bank.....Montrose
Montrose National Bank.....Montrose
First National Bank.....Olathe

Morgan County

Farmers State Bank.....Brush
First National Bank.....Brush
Farmers State Bank.....Ft. Morgan
First National Bank.....Ft. Morgan
Peoples State Bank.....Ft. Morgan
First State Bank of Hillrose.....Hillrose
First State Bank.....Wiggins
Weldon Valley State Bank.....Weldona

Otero County

Fowler State Bank.....Fowler
First National Bank.....Fowler
Colorado Savings & Trust Co.....La Junta
First National Bank.....La Junta
La Junta State Bank.....La Junta
J. N. Beatty & Company, Bankers.....Manzanola
Rocky Ford National Bank.....Rocky Ford
First State Bank of Swink.....Swink

Ouray County

Citizens State Bank.....Ouray
Bank of Ridgway.....Ridgway

Park County

Bank of Alma.....Alma
Bank of Fairplay.....Fairplay

Phillips County

Farmers State Bank.....Haxtun
Haxtun State Bank.....Haxtun
Citizens State Bank.....Holyoke
First National Bank.....Holyoke
Phillips County State Bank.....Holyoke
Paoli State Bank.....Paoli

Pitkin County

Aspen State Bank.....Aspen

Prowers County

American State Bank.....Granada
Hartman State Bank.....Hartman
First National Bank.....Holly
First National Bank.....Lamar
Lamar National Bank.....Lamar
Valley State Bank.....Lamar
Bank of Wiley.....Wiley

Pueblo County

First National Bank.....Pueblo
Minnequa Bank of Pueblo.....Pueblo
Pueblo Savings Bank & Trust Co.....Pueblo
Southern Colorado Bank.....Pueblo
Western National Bank.....Pueblo
Bank of Rye.....Rye

Rio Blanco County

First National Bank.....Meeker
First State Bank.....Meeker

Rio Grande County

Bank of Del Norte.....Del Norte
Rio Grande State Bank.....Del Norte
First National Bank.....Monte Vista
Monte Vista Bank & Trust Co.....Monte Vista
The Wallace State Bank.....Monte Vista

Routt County

Yampa Valley Bank.....Hayden
Oak Creek State Bank.....Oak Creek
Bank of Steamboat Springs.....Steamboat Springs
First National Bank.....Steamboat Springs

Saguache County

First National Bank.....Center
Peoples State Bank.....Center
Saguache County National Bank.....Saguache

San Juan County

First National Bank.....Silverton

San Miguel County

No banks.

Sedgwick County

First National Bank.....Julesburg

State Bank of Ovid.....Ovid

First National Bank.....Sedgwick

Summit County

Engle Brothers Exchange Bank.....Breckenridge

Teller County

First National Bank.....Cripple Creek

Washington County

Citizens National Bank.....Akron

Farmers State Bank.....Cope

First National Bank.....Otis

Weld County

Farmers National Bank.....Ault

Briggsdale State Bank.....Briggsdale

Eaton National Bank.....Eaton

First National Bank.....Eaton

Erie Bank.....Erie

Fort Lupton State Bank.....Fort Lupton

Platte Valley State Bank.....Fort Lupton

First National Bank.....Greeley

Greeley Union National Bank.....Greeley

Weld County Savings Bank.....Greeley

Hereford State Bank.....Hereford

First State Bank of Hudson.....Hudson

First National Bank.....Johnstown

First State Bank.....Keenesburg

First State Bank.....Nunn

Platteville National Bank.....Platteville

Roggen State Bank.....Roggen

Farmers Bank of Severance.....Severance

First National Bank.....Windsor

Yuma County

Eckley State Bank.....Eckley

First State Bank.....Idalia

First State Bank.....Kirk

Laird State Bank.....Laird

Vernon State Bank.....Vernon

First National Bank.....Wray

National Bank.....Wray

Farmers State Bank.....Yuma

First National Bank.....Yuma

Union State Bank.....Yuma

STATE FLAG

The eighteenth general assembly of the Colorado legislature enacted a measure creating a state flag for the state of Colorado. This act was filed with the secretary of state on June 5, 1911, and became a law without being signed by the governor. The specifications of the flag as provided by the act are as follows:

The width of the flag shall be two-thirds of its length.

It shall consist of three alternate stripes to be of equal width and at right angles to the staff.

The white stripe shall be the center stripe. (The original law did not specify the color of the other two stripes, but blue was the color universally used.)

At a distance from the staff end of the flag of one thirty-sixth of the total length of the flag there shall be a cir-

cular red C, of the same color as the red in the United States flag.

The diameter of the letter C shall be one-sixth of the width of the flag.

The inner line of the opening of the letter C shall be three-fourths of the width of its body or bar and the outer line of the opening shall be double the length of the inner line thereof.

Completely filling the open space inside the letter C shall be a golden disk.

Attached to the flag shall be a cord of gold and silver, intertwined, with tassels, one of gold and the other of silver.

The flag was designed by A. C. Carlson, at one time manager of a Denver theater. The colors are typical of Colorado; the blue for the skies, the gold for the sunshine, the white for the snow-capped mountains and the red in the letter C standing for the Spanish interpretation of the name of the state. The gold and silver cord and tassels signify the principal metals mined in the state.

STATE SEAL AND MOTTO

The seal of the state of Colorado, as determined by statutory enactment, is described as follows:

It shall be two and one-half inches in diameter with the following device inscribed thereon: An heraldic shield bearing in chief, or upon the upper portion of same upon a red ground, three snow-capped mountains; above, surrounding clouds; upon the lower part thereof, upon a golden ground, a miner's badge as prescribed by the rules of heraldry; as a crest above the shield, the eye of God, being golden rays proceeding from the lines of a triangle; below the crest and above the shield as a scroll, the Roman fasces, bearing upon a band of red, white and blue the words "Union and Constitution"; below the whole the motto "Nil Sine Numine," the whole to be surrounded by the words "State of Colorado" and the figures "1876."

The meaning of the Latin motto "Nil Sine Numine" is "Nothing without Providence."

The secretary of state alone is authorized to use or affix the seal to any document whatever, and he only in pursuance of the law. He is the custodian of the seal. Severe penalties are provided for counterfeiting or illegally using the seal.

COLORADO BANK STATISTICS

COUNTY	December 31, 1929		December 31, 1930		
	Loans and Discounts	Deposits	Loans and Discounts	Deposits	Total Assets
Adams.....	\$ 1,354,642	\$ 2,036,562	\$ 828,894	\$ 1,289,601	\$ 1,563,969
Alamosa.....	996,248	2,002,726	1,028,186	1,868,373	2,271,682
Arapahoe.....	1,153,953	2,207,770	1,010,962	2,059,392	2,566,211
Archuleta.....	151,939	273,652	145,050	201,952	347,002
Baca.....	650,253	1,210,680	574,696	731,827	1,132,463
Bent.....	937,714	1,201,557	837,265	1,059,934	1,763,494
Boulder.....	4,682,757	7,801,924	4,136,114	7,464,121	9,853,363
Chaffee.....	615,091	2,053,919	587,097	1,858,309	2,210,239
Cheyenne.....	285,536	293,646	302,954	267,744	570,698
Clear Creek.....	311,394	516,668	288,724	447,961	722,662
Conejos.....	380,292	702,676	378,175	660,669	914,164
Costilla.....	139,106	209,249	137,293	199,705	336,998
Crowley.....	388,154	734,130	364,202	649,849	966,205
Custer.....	156,582	243,580	147,423	233,794	381,218
Delta.....	1,389,665	2,363,649	1,338,202	1,906,945	3,187,793
Denver.....	87,490,180	157,830,389	70,664,014	168,315,061	193,151,783
Dolores.....	.....	.....	.....	.....	.....
Douglas.....	430,186	591,224	421,575	540,829	729,696
Eagle.....	241,423	514,112	240,162	458,621	522,563
Elbert.....	639,602	940,814	639,384	923,832	1,563,216
El Paso.....	12,318,465	20,082,107	11,739,505	19,724,721	25,511,834
Fremont.....	2,024,577	4,867,859	1,567,702	4,258,467	4,811,830
Garfield.....	1,875,737	3,038,433	1,749,993	2,726,973	3,356,423
Gilpin.....	18,168	286,422	20,441	253,217	315,428
Grand.....	197,498	456,344	209,260	440,783	650,043
Gunnison.....	660,991	1,805,583	739,791	1,648,599	2,258,035
Hinsdale.....	.....	.....	.....	.....	.....
Huerfano.....	1,206,002	2,688,367	1,068,697	2,553,099	3,045,760
Jackson.....	.....	.....	.....	.....	.....
Jefferson.....	527,952	1,363,213	545,510	1,372,288	1,580,553
Kiowa.....	307,201	472,867	317,638	378,770	624,661
Kit Carson.....	788,798	999,305	747,429	910,899	1,477,229
Lake.....	214,179	1,286,616	130,838	1,173,796	1,306,655
La Plata.....	1,624,919	3,114,035	1,214,207	2,586,251	3,309,005
Larimer.....	5,390,575	6,996,889	4,300,810	6,215,512	8,299,535
Las Animas.....	3,874,903	8,791,852	3,077,978	7,633,795	8,825,275
Lincoln.....	753,834	941,536	723,983	800,869	1,110,143
Logan.....	1,846,201	2,657,087	1,907,490	2,323,649	4,133,075
Mesa.....	2,480,644	4,718,232	2,544,742	4,110,442	5,468,338
Mineral.....	.....	.....	.....	.....	.....
Moffat.....	431,318	704,562	343,612	625,091	716,370
Montezuma.....	1,085,180	1,646,436	994,452	1,261,998	1,784,853
Montrose.....	1,637,798	2,392,005	1,412,476	2,121,952	2,567,387
Morgan.....	3,146,367	3,085,944	2,707,032	2,994,667	4,925,832
Otero.....	2,081,842	3,060,849	1,893,862	2,757,673	4,086,354
Ouray.....	241,419	406,171	203,584	305,788	509,373
Park.....	109,623	234,381	124,682	225,103	349,785
Phillips.....	1,063,066	1,309,920	900,778	1,251,084	2,031,713
Pitkin.....	94,803	410,404	115,758	372,722	488,480
Prowers.....	1,572,454	2,194,712	1,270,661	1,781,697	2,482,741
Pueblo.....	10,100,999	26,193,054	9,356,612	26,285,440	32,430,211
Rio Blanco.....	553,243	842,410	595,190	712,473	1,015,888
Rio Grande.....	1,317,449	1,949,710	1,357,045	1,885,801	3,146,920
Routt.....	954,570	1,243,540	817,867	990,043	1,381,921
Saguache.....	688,939	947,217	551,552	807,794	1,164,831
San Juan.....	127,488	619,744	101,042	515,143	638,995
San Miguel.....	.....	.....	.....	.....	.....
Sedgwick.....	581,764	679,464	526,189	645,949	921,685
Summit.....	55,149	149,326	51,525	113,689	165,214
Teller.....	418,495	2,217,353	201,635	1,860,632	1,935,226
Washington.....	336,240	574,073	354,270	539,605	659,514
Weld.....	6,483,611	10,135,997	5,668,460	9,842,397	12,962,213
Yuma.....	1,283,863	1,747,539	1,296,779	1,843,727	2,793,939
State.....	\$172,871,041	\$311,040,485	\$147,521,449	\$309,991,117	\$379,998,686

Colorado Commercial Organizations

ACTIVE commercial organizations in all parts of the state are doing excellent work toward building up their respective communities and developing the rich resources of the entire state. Almost every county in the state now has one or more of these organizations which are prepared to furnish direct and detailed information concerning resources, opportunities and attractions in the communities which they serve.

The following list includes those organizations which are members of the State Association of Commercial Organizations of Colorado, of which Elmore Petersen of the State university at Boulder is secretary. In addition to those organizations of a local nature it includes several of regional or state-wide scope, and there are many luncheon clubs and similar groups which are doing splendid community and sectional work, but which cannot be included in a condensed tabulation.

STATE AND REGIONAL ORGANIZATIONS

State Association of Commercial Organizations of Colorado—J. R. Eckles, Lamar, president; Elmore Petersen, Boulder, secretary.

Colorado Association—F. H. Reid, president; B. M. Rastall, executive vice-president; Dudley R. Griggs, secretary; 514 Sixteenth Street, Denver.

Colorado Manufacturers and Merchants Association—E. J. Yetter, Denver, president; E. C. Dawson, Denver, executive secretary; office, City Auditorium, Denver.

Western Colorado Chamber of Commerce—J. A. Clay, Durango, president; J. F. Weeland, Delta, secretary.

Southeastern Colorado Chamber of Commerce—H. B. Dye, La Junta, president; W. C. Spurleder, La Junta, secretary.

Colorado Perishable Traffic Association—J. H. Wolff, Greeley, secretary.

Moffat Tunnel League—I. P. Beckett, Craig, president; J. R. Burroughs, Steamboat Springs, secretary.

The following table of commercial organizations by counties is revised to March 1, 1931.

Adams County

Bennett—Commercial Club, R. A. Nye, president; A. O. Westerman, secretary.
Brighton—Commercial Club.

Alamosa County

Alamosa—Alamosa Chamber of Commerce, Thomas Gray, president; Chas. L. Dynes, secretary.

Arapahoe County

*Aurora—Commercial Club, Frank M. Shedd, president; J. D. Tolman, secretary.
Byers—Commercial Association, W. L. Best, president; Hal Parmeter, secretary.
Deertrail—Chamber of Commerce.
*Englewood—Chamber of Commerce, C. M. Hall, president; G. R. Ballard, secretary.
*Littleton—Civic and Commercial Association, S. M. Polkinghorn, president; H. S. Ramsey, secretary.

Baca County

Springfield—Chamber of Commerce, F. E. Bear, president; Ben Wofford, secretary.

Bent County

*Las Animas—Chamber of Commerce, W. R. Brown, president; C. J. Guthrie, secretary.

Boulder County

Allens Park—Chamber of Commerce, J. S. Tregemba, president; William Morgan, secretary.
*Boulder—Chamber of Commerce, R. G. Platts, president; E. G. Fine, secretary.
*Longmont—Chamber of Commerce, W. C. Muth, president; R. B. Miller, secretary.
Lyons—Commercial Association, M. W. Turner, president; O. J. Ramey, secretary.

Chaffee County

Buena Vista—Chamber of Commerce, A. T. Judd, president; H. L. McGinnis, secretary.
Salida—Chamber of Commerce, C. M. Ferno, president; H. R. Koster, secretary.

Cheyenne County

Cheyenne Wells—Chamber of Commerce, C. J. Nelson, president; R. A. Martinson, secretary.

Clear Creek County

Empire—Commercial Association, G. H. Anderson, president; E. E. Koch, secretary.
Idaho Springs—Clear Creek County Metal Mining Association, C. W. Lerchen, president; W. H. Stephens, secretary.

Conejos County

Antonito—Chamber of Commerce, G. A. Jenkins, president; J. D. Frazey, secretary.
Manassa—Manassa-Romeo Commercial Club, C. P. Jensen, president; L. M. Haynie, secretary.

Crowley County

Ordway—Lions Club, L. I. Giffin, president; H. R. Krehbiel, secretary.
Sugar City—Service Club, L. A. Richards, president; T. W. Butler, secretary.

Delta County

Cedaredge—Chamber of Commerce, C. E. Rose, president; P. K. Yonge, secretary.
Crawford—Chamber of Commerce, H. E. Weborn, president; William Den Beste, secretary.
*Delta—Delta County Chamber of Commerce, A. E. Penley, president; J. F. Weeland, secretary.

Hotchkiss—North Fork Chamber of Commerce, H. B. Fetz, president; C. R. Neill, secretary.

Paonia—Chamber of Commerce, C. L. Oliver, president; E. E. Hufty, secretary.

Denver County

*Denver—Rocky Mountain Motorists, Inc., H. M. Allison, president; Clarence Werthan, secretary.

*Denver—Chamber of Commerce, H. S. Sands, president; G. E. Collision, secretary.

*Denver—The Colorado Association, F. H. Reid, president; D. R. Griggs, secretary.

Dolores County

*Rico—Dolores County Chamber of Commerce, Dennis Mullins, president; F. J. Koenig, secretary.

Eagle County

Eagle—Chamber of Commerce, H. S. White, president; Leo Fessendon, secretary.

El Paso County

Calhan—Commercial Club, H. P. Augustus, secretary.

*Colorado Springs—Chamber of Commerce, J. R. Lowell, president; E. E. Jackson, secretary.

Fremont County

*Canon City—Chamber of Commerce, R. A. Ricketts, president; Fred B. Rice, secretary.

*Florence—Chamber of Commerce, C. W. John, president; Lynn Smith, secretary.

*Penrose—Beaver Park Farm and Commercial Club, E. A. Stowe, president; W. G. Keiry, secretary.

Garfield County

*Glenwood Springs—Chamber of Commerce, C. L. Hubbard, president; E. G. LeDonne, secretary.

*Grand Valley—Chamber of Commerce, Henry Alber, president; G. L. Richardson, secretary.

Rifle—Chamber of Commerce, Quince Hutton, president; E. P. Brown, secretary.

Silt—Farmers' Union, H. B. Sink, president; Jennie Bowles, secretary.

Grand County

*Hot Sulphur Springs—Commercial Club, H. O. Gray, president; N. C. Huffaker, secretary.

Gunnison County

*Gunnison—Chamber of Commerce, Dr. J. P. McDonough, president; Sam C. Hartman, secretary.

Huerfano County

*La Veta—Commercial Club, C. C. Webster, president; O. B. Lauth, secretary.

Jefferson County

Arvada—Chamber of Commerce, Newton A. Olson, president; M. E. Johnson, secretary.

Kit Carson County

Burlington—Chamber of Commerce, R. Wilkinson, president; G. F. Cockerell, secretary.

Flagler—Community Club, George M. Baxter, president; Gust Westman, secretary.

La Plata County

Durango—Chamber of Commerce, Ray T. Sechrist, president; Richard Nelson, secretary.

Larimer County

*Berthoud—Chamber of Commerce, W. E. McCormick, president; F. P. Weyandt, secretary.

*Estes Park—Chamber of Commerce, E. C. Gooch, president; John Martin, Jr., secretary.

*Fort Collins—Chamber of Commerce, Byron Albert, president; D. L. Anderson, secretary.

*Loveland—Chamber of Commerce, Emil Leslie, president; Wm. Hammond, secretary.

*Wellington—Commercial Club, E. T. Puleston, president; A. L. Carlson, secretary.

Las Animas County

*Trinidad—Chamber of Commerce, I. F. Beauchamp, president; J. C. Caldwell, secretary.

Lincoln County

Hugo—Commercial Club, G. Don Randolph, president; J. J. Missemer, secretary.

*Limon—Chamber of Commerce, A. C. Sinclair, president; D. W. Wills, secretary.

Logan County

*Merino—Merino Progress Club, W. E. Outcalt, president; K. C. Brown, secretary.

*Sterling—Chamber of Commerce, H. B. Swedlund, president; Mervin Brown, secretary.

Mesa County

Collbran—Chamber of Commerce, Dr. Wm. Zinke, president; J. C. Mardis, secretary.

DeBeque—Chamber of Commerce, H. D. Locke, president; F. H. Lischke, secretary.

Fruita—Chamber of Commerce, F. W. Bocking, president; L. H. Dewey, secretary.

*Grand Junction—Chamber of Commerce, H. H. Younge, president; W. M. Wood, secretary.

Pallisade—Chamber of Commerce, Grant Crissey, president; W. N. Aspinall, secretary.

Moffat County

*Craig—Lions Club, F. A. Lindsay, president; J. N. Bridges, secretary.

Montezuma County

*Cortez—Montezuma County Chamber of Commerce, W. H. Harrison, president; F. L. Miller, secretary.

*Dolores—Chamber of Commerce, S. H. Phlegar, president; C. H. Webb, secretary.

Mancos—Chamber of Commerce, R. C. Allum, president; C. R. Beers, secretary.

Montrose County

Montrose—Montrose Chamber of Commerce, R. A. Peterson, president; J. D. Wilkerson, secretary.
 Olathe—Chamber of Commerce, T. H. Cox, president; R. J. Davis, secretary.

Morgan County

Brush—Civic Club, J. L. Williams, president; E. H. Meier, secretary.
 *Fort Morgan—Chamber of Commerce, J. A. M. Crouch, president; R. R. Drennen, secretary.
 *Orchard—Commercial Club, H. J. Gearhart, president; Jos. Korsoski, secretary.
 *Weldona—Chamber of Commerce, F. S. Markley, president; M. O. York, secretary.

Otero County

Fowler—Chamber of Commerce, J. U. Griffin, president; D. A. Buck, secretary.
 *La Junta—Chamber of Commerce, R. E. Austin, president; F. R. Brown, secretary.
 Manzanola—Commerce Club, E. L. Stephens, president; A. W. Warner, secretary.
 *Rocky Ford—Chamber of Commerce, J. H. Price, president; J. L. Miller, secretary.

Ouray County

Ouray—Chamber of Commerce, H. B. Zanello, president; W. S. Olexo, secretary.

Phillips County

Holyoke—Chamber of Commerce, John P. Beck, president; R. C. Amack, secretary.

Pitkin County

Aspen—Chamber of Commerce, F. D. Willoughby, secretary.

Prowers County

*Granada—Granada Promotion Club, C. D. Baldwin, president; A. L. McDonald, secretary.
 Holly—Commercial Club, Sam S. Smith, president; E. J. Thayer, secretary.
 *Lamar—Chamber of Commerce, J. R. Eckles, president; L. M. Markham, secretary.
 *Wiley—Commercial Club, F. E. Durham, president; R. H. Horner, secretary.

Pueblo County

*Pueblo—Chamber of Commerce, F. A. Sabin, president; P. A. Gray, secretary.
 Rye—Chamber of Commerce, J. W. Stewart, president; E. E. Jeter, secretary.

Rio Blanco County

Meeker—Rio Blanco Commercial Club, Roy Robertson, president; J. E. Sexson, secretary.

Rio Grande County

*Del Norte—Chamber of Commerce, Art Larson, president, Ralph Ellithorpe, secretary.
 *Monte Vista—Commercial Club, E. M. Hiatt, president; Esther Godfrey, secretary.

Routt County

Hayden—Lions Club, H. L. Dotson, president; R. S. Whittaker, secretary.
 Oak Creek—Chamber of Commerce, R. I. Gwillium, president; Ed. Bell, secretary.

Steamboat Springs—Commercial Club, F. A. Metcalf, president; J. R. Burroughs, secretary.

*Steamboat Springs—Moffat Tunnel League, I. P. Beckett, president; J. R. Burroughs, secretary.

Saguache County

Center—Upper San Luis Valley Information Bureau, E. C. Feast, president; Samuel Feast, secretary.

San Juan County

Silverton—Commercial Club, E. W. Walter, president; James Pilling, secretary.

San Miguel County

Norwood—Chamber of Commerce, Charles McKeever, president; Robert E. Williams, secretary.
 Telluride—Lions Club, Oscar Wunderlich, president; L. G. Denison, secretary.

Sedgwick County

Ovid—Chamber of Commerce, P. B. McCauley, president; Joe Brust, secretary.

Summit County

*Dillon—Chamber of Commerce, E. F. Heaton, president; I. W. Blundell, secretary.

Teller County

Cripple Creek—Cripple Creek Motor and Commercial Club, P. H. House, president; F. W. Bruington, secretary.
 Victor—Chamber of Commerce, M. Driscoll, president; O. R. Hagans, secretary.

Washington County

Otis—Commercial Club, A. D. Leerskov, president; Phillip Shae, secretary.

Weld County

*Ault—Community Club, F. M. Walling, president; H. D. Pratt, secretary.
 Eaton—Eaton Luncheon Club, E. G. Holden, president; E. K. McMillen, secretary.
 Erie—Consolidated Commercial Association, Wm. Nicholson, president; C. R. Hunt, secretary.
 *Greeley—Chamber of Commerce, Dr. W. D. Armentrout, president; E. H. Folbrecht, secretary.
 Greeley—Weld County Commercial Club, C. G. Wilson, president; H. F. Bedford, secretary.
 Hudson—Commercial Club, S. A. Olson, president; S. R. Smith, secretary.
 *Johnstown—Chamber of Commerce, Dr. G. R. Jones, president; Carl Krause, secretary.
 Milliken—Community Club, J. H. Nilson, president; O. L. Altvater, secretary.
 Pierce—Pierce Community Club, G. P. Miller, president; Emil Smith, secretary.
 *Windsor—Community Club, C. E. Peterson, president; G. I. Richards, secretary.

Yuma County

Eckley—Rowanis Club, M. R. Tillotson, president; W. C. Godsey, secretary.
 Wray—Chamber of Commerce, V. V. Vining, president; J. C. Graham, secretary.

*Members of State Association of Commercial Executives.

Colorado Postoffices

COLORADO had on January 1, 1931, a total of 730 postoffices, of which 59 belonged to the first and second classes and 671 were designated as third and fourth class postoffices. The number on January 1 of the years named was as follows:

Year	Class		Total
	1 & 2	3 & 4	
1927	55	726	781
1929	59	704	763
1930	60	673	733
1931	59	671	730

All postmasters are appointed by the president and confirmed by the senate. Postmasters of the first and second classes receive stipulated salaries for their services, while salaries of postmasters of third and fourth-class offices are based on stamp sales.

The stamp sales of first and second class postoffices, by years, were as follows:

Year	Amount
1925	\$4,837,745
1926	5,301,024
1927	5,608,286
1928	5,700,006
1929	6,060,555
1930	5,920,741

Stamp sales by third and fourth class postoffices, by years, follow:

Year	Amount
1925	\$764,235
1926	729,681
1927	709,200
1928	684,508
1929	714,966
1930	641,278

Total sales by all offices in the state, by years, were as follows:

Year	Amount
1925	\$5,601,980
1926	6,030,705
1927	6,317,486
1928	6,384,510
1929	6,775,521
1930	6,562,019

The postoffice department, according to a survey made in 1927, has in Colorado a total of 2,393 salaried officials and employes, of whom 2,196 are post-office employes and 197 are in other branches of the service, such as railway mail service and inspection departments. The number of persons employed is almost equally divided between the first and second class postoffices, which reported 762, and the third and fourth class postoffices, with approximately 750 persons. These figures do not include assistants in the third and fourth class postoffices and seasonal employes in offices that operate only a part of the time.

There is published herewith a table showing location, cost of sites and cost of buildings of postoffice property in Colorado under the jurisdiction of the treasury department, exclusive of equipment. These figures are for cost only and not present value, some sites being donated, and most of the properties appreciating in value since completion.

GOVERNMENT-OWNED PROPERTIES IN COLORADO (Includes only those under the control of the U. S. Treasury Department)

LOCATION	Character	Cost of Site	Cost of Building
Boulder	Postoffice	\$ 10,040.98	\$ 59,951.85
Canon City	Postoffice (old)	11,000.00	(No Bldg.)
Canon City	Postoffice (new)	14,000.00	(*)
Colorado Springs	P. O. and Court House	65,066.89	241,582.98
Denver	Mint	60,261.71	770,625.04
Denver	P. O. and Court House	486,879.62	1,999,869.31
Denver	Custom House	65,825.17	570,410.52
Denver	Custom House (new)	200,000.00	(†)
Durango	Postoffice	10,000.00	147,818.67
Fort Collins	Postoffice	12,000.00	87,893.74
Fort Morgan	Postoffice	9,785.00	47,412.99
Glenwood Springs	Postoffice	9,500.00	83,951.96
Grand Junction	Postoffice	9,800.00	173,899.17
Greeley	Postoffice	15,000.00	102,011.21
La Junta	Postoffice	1.00	84,934.84
Leadville	Postoffice	12,084.34	71,469.97
Monte Vista	Postoffice	3,900.00	(No Bldg.)
Montrose	P. O. and Court House	15,000.00	(No Bldg.)
Pueblo	Postoffice	1,009.07	298,990.93
Sterling	Postoffice	15,000.00	†
Trinidad	Postoffice	68.65	74,931.35
Total		\$1,026,222.43	\$4,815,754.53

*Contract awarded (\$78,300). Building in progress.

†Contract awarded (\$747,900). Building in progress.

‡Contract awarded (\$187,877). Building in progress.

Note—Figures published in former years were revised by the treasury department in 1931.

FIRST AND SECOND CLASS POSTOFFICES AND STAMP SALES

Postoffice	County	Stamp Sales				
		1926	1927	1928	1929	1930
Akron	Washington	\$ 9,466	\$ 9,264	\$ 9,135	\$ 9,103	\$ 8,833
Alamosa	Alamosa	30,637	31,534	33,500	35,755	35,735
Arvada	Jefferson	*	*	8,616	8,140	7,078
Boulder	Boulder	101,145	109,884	103,390	105,425	101,780
Brighton	Adams	15,409	16,336	16,526	17,318	17,401
Brush	Morgan	13,985	13,969	13,878	14,603	13,707
Burlington	Kit Carson	12,878	12,186	13,128	13,339	15,796
Canon City	Fremont	41,466	41,339	40,262	40,422	37,749
Cheyenne Wells	Cheyenne	*	*	*	13,599	13,067
Colorado Springs	El Paso	266,483	254,574	293,355	313,517	302,486
Craig	Moffat	11,999	12,629	13,403	14,965	14,848
Cripple Creek	Teller	9,117	8,643	9,261	7,812	8,088
Delta	Delta	23,082	22,117	22,004	22,335	21,072
Del Norte	Rio Grande	*	*	8,307	8,808	8,901
Denver	Denver	3,391,673	3,688,955	3,730,058	4,059,833	3,978,946
Durango	La Plata	41,059	42,710	41,460	42,353	40,142
Eaton	Weld	9,100	9,210	8,697	8,614	8,089
Estes Park	Larimer	12,914	12,893	11,687	12,404	11,808
Florence	Fremont	14,625	15,183	15,178	13,672	12,969
Fort Collins	Larimer	74,205	76,112	76,617	75,902	73,945
Fort Lupton	Weld	8,774	8,951	8,603	8,807	9,413
Fort Morgan	Morgan	27,358	28,085	27,835	27,388	25,245
Glenwood Springs	Garfield	20,311	19,871	19,299	19,066	19,155
Golden	Jefferson	16,330	16,770	17,429	18,380	17,727
Grand Junction	Mesa	114,541	120,269	118,471	117,001	103,985
Greeley	Weld	85,494	90,793	91,036	87,784	92,033
Gunnison	Gunnison	14,088	14,117	13,811	15,289	13,916
Haxtun	Phillips	*	*	8,072	8,108	8,012
Holly	Prowers	7,616	8,155	7,562	8,708	8,468
Holyoke	Phillips	9,558	9,729	9,564	10,199	9,846
Idaho Springs	Clear Creek	8,168	8,372	7,633	7,824	8,014
Julesburg	Sedgwick	9,836	11,661	9,896	10,317	11,335
La Junta	Otero	35,774	34,181	34,653	36,967	36,345
Lamar	Prowers	29,730	29,867	29,955	32,698	35,005
Las Animas	Bent	14,710	15,327	15,099	17,346	16,664
Leadville	Lake	20,419	20,035	18,557	18,860	16,853
Limon	Lincoln	7,549	7,475	7,477	7,535	7,485
Littleton	Arapahoe	15,034	17,754	20,386	25,378	21,025
Longmont	Boulder	29,207	26,468	30,731	27,755	31,544
Loveland	Larimer	23,523	23,318	23,456	23,247	23,849
Manitou	El Paso	14,550	13,974	12,963	15,114	13,997
Meeker	Rio Blanco	8,486	9,709	9,569	9,791	9,362
Monte Vista	Rio Grande	18,797	20,488	18,253	20,584	23,365
Montrose	Montrose	27,076	26,425	27,004	27,479	27,145
Oak Creek	Routt	7,142	7,174	7,388	7,159	8,227
Palisades	Mesa	10,686	8,759	7,225	8,677	7,530
Paonia	Delta	12,775	11,127	11,731	10,702	8,519
Pueblo	Pueblo	370,550	366,544	347,538	319,216	307,492
Rife	Garfield	9,973	10,504	11,056	11,626	10,974
Rocky Ford	Otero	28,603	30,318	27,239	28,021	28,563
Salida	Chaffee	23,835	24,898	25,399	25,506	24,959
Springfield	Baca	*	*	8,963	10,769	12,206
Steamboat Springs	Routt	13,057	13,602	14,097	14,257	13,404
Sterling	Logan	39,145	39,360	44,327	44,885	45,661
Telluride	San Miguel	9,117	7,949	6,142	4,957	(a)
Trinidad	Las Animas	77,154	76,691	81,817	82,436	80,846
Victor	Teller	8,317	8,050	8,146	8,151	6,500
Walsenburg	Huerfano	23,841	24,244	24,831	23,476	21,685
Wray	Yuma	11,254	10,667	10,242	11,741	11,492
Yuma	Yuma	9,103	9,066	9,090	9,438	10,454
Total		\$5,301,024	\$5,608,285	\$5,700,007	\$6,060,555	\$5,920,741

* Included in aggregate for third and fourth class offices, in which classification these offices were carried until recently.

(a) Changed to third class July 1, 1930.

Third and Fourth Class Postoffices

Post Office	County	Post Office	County	Post Office	County
Abarr	Yuma	Burdett	Washington	Doyleville	Gunnison
Ackmen	Montezuma	Burns	Eagle	Drake	Larimer
Adams City	Adams	Byers ²	Arapahoe	Dumont	Clear Creek
Adena	Morgan	Caddoa ²	Bent	Dunkley	Routt
Agate	Elbert	Cahone	Dolores	Dunton	Dolores
Aguilar ²	Las Animas	Caision	Moffat	Dupont	Adams
Alamo	Huerfano	Calhan ²	El Paso	Dyke ¹	Archuleta
Alcreek	Las Animas	Cameo	Mesa	Eads ²	Kiowa
Allenspark	Boulder	Campo ²	Baca	*Eagle ²	Eagle
Allison	La Plata	Capulin	Conejos	East Lake	Adams
Alma	Park	*Carbondale ²	Garfield	Eastonville	El Paso
Almont ¹	Gunnison	Carlton	Prowers	Eckert ²	Delta
Amherst	Phillips	Carr	Weld	Eckley ²	Yuma
Amity ²	Prowers	Cascade	El Paso	*Edgewater ²	Jefferson
Amy	Lincoln	Castle Rock ²	Douglas	Edler	Baca
Andrix	Las Animas	Cebolla ¹	Gunnison	Edwards	Eagle
Antlers	Garfield	Cedar	San Miguel	Eggers ³	Larimer
Antonito ²	Conejos	*Cedaredge ²	Delta	Egnar	San Miguel
Apex	Gilpin	Cedarwood	Pueblo	Elba	Washington
Arapahoe ²	Cheyenne	Center ²	Saguache	Elbert ¹	Elbert
Arboles	Archuleta	Central City	Gilpin	Eldora ³	Boulder
Arickaree	Washington	Chama ¹	Costilla	Eldorado Springs	Boulder
Arlington	Kiowa	Chandler	Fremont	Elizabeth ²	Elbert
Armel	Yuma	Cheneycenter	Prowers	Elk Springs ¹	Moffat
Aroya	Cheyenne	Cheraw	Otero	El Moro	Las Animas
Arriba ²	Lincoln	*Cherokee Park ¹	Larimer	Empire ²	Clear Creek
Arriola	Montezuma	Chivington	Kiowa	*Englewood ² (Branch of Denver)	Arapahoe
*Aspen ²	Pitkin	Chromo	Archuleta	Erie ²	Weld
Association Camp ²	Larimer	Cimarron	Montrose	Escalante Forks ¹	Mesa
Atchee	Garfield	Clark	Routt	Eskdale	Adams
Atwood	Logan	*Cliffdale ¹	Jefferson	Espinosa	Conejos
*Ault ²	Weld	*Clifton ²	Mesa	Estabrook	Park
Aurora ²	Arapahoe	Climax ²	Lake	*Eureka ²	San Juan
Austin	Delta	Coal Creek ²	Fremont	Evans	Weld
Avalo	Weld	Coaldale	Fremont	Evergreen ²	Jefferson
Avon	Eagle	Coalmont	Jackson	Fairplay ²	Park
Avondale	Pueblo	Cokedale	Las Animas	Falcon	El Paso
Axial	Moffat	*Collbran ²	Mesa	Falfa	La Plata
Ayer ¹	Otero	Colona	Ouray	Farisita ¹	Huerfano
Bailey	Park	Columbine	Routt	Farr	Huerfano
Baldwin	Gunnison	Como ²	Park	Firestone	Weld
Barela	Las Animas	Conejos	Conejos	Firstview	Cheyenne
Barnesville	Weld	Cope ²	Washington	Fitzsimons ²	Adams
Bartlett	Baca	Copper Spur	Eagle	Flagler ²	Kit Carson
Barr Lake	Adams	Cornish	Weld	Fleming ²	Logan
*Basalt ²	Eagle	Cortez ²	Montezuma	Florissant	Teller
Battle Creek	Routt	Cory	Delta	Floyd Hill	Clear Creek
*Bayfield ²	La Plata	Cotopaxi	Fremont	Flues	Las Animas
Bear River	Routt	Cowdrey	Jackson	Fondis	Elbert
Bedrock	Montrose	Cragmor ²	El Paso	Forder	Lincoln
Beecher Island	Yuma	Crawford ²	Delta	Fort Garland	Costilla
Bellvue	Larimer	*Creede ²	Mineral	Fort Logan ²	Arapahoe
Bennett ²	Adams	*Crested Butte ²	Gunnison	Fort Lyon	Bent
Berthoud ²	Larimer	Crestone	Saguache	Fosston	Weld
Berwind	Las Animas	Critchell	Jefferson	Fountain ²	El Paso
Bethune	Kit Carson	Crook ²	Logan	*Fowler ²	Otero
Beulah	Pueblo	Cross Mountain	Moffat	Foxton	Jefferson
Blackhawk ²	Gilpin	Crossons ¹	Jefferson	Franktown	Douglas
Blaine ²	Baca	Crowley ²	Crowley	Fraser ²	Grand
Blanca ²	Costilla	Cuchara	Camps ¹	Frederick ²	Weld
Bloom	Otero	Cumbres	Conejos	Frisco ²	Summit
Bonanza ²	Saguache	Dacona	Weld	*Fruita ²	Mesa
Boncarbo ¹	Las Animas	Dailey	Logan	Galatea	Kiowa
Boone ²	Pueblo	Dalerose	Las Animas	Galeton	Weld
Bovina	Lincoln	*De Beque ²	Mesa	Garcia	Costilla
Bowie ¹	Delta	*Deekers ¹	Douglas	Gardner	Huerfano
Bovero	Lincoln	Deepcreek ¹	Routt	Garfield ¹	Chaffee
Brandon	Kiowa	Deertrail	Arapahoe	Garo	Park
Branson ²	Las Animas	Delagua ²	Las Animas	Gary	Morgan
*Breckenridge ²	Summit	Delcarbon	Huerfano	Gateway	Mesa
Breen	La Plata	Delhi	Las Animas	Genoa ²	Lincoln
Briggsdale ²	Weld	De Nova	Washington	*Georgetown ²	Clear Creek
*Bristol ²	Prowers	Deora	Baca	Gilcrest	Weld
Brothead	Las Animas	Derby	Adams	Gill	Weld
Brook Forest ¹	Jefferson	Dicks	Las Animas	Gilman ²	Eagle
Brookvale	Clear Creek	Dillon	Summit	Glade Park	Mesa
Broomfield	Boulder	Divide	Teller	Glendevy	Larimer
Buckingham ²	Weld	Dolores ²	Montezuma	Glen Haven ¹	Larimer
*Buena Vista ²	Chaffee	Dove Creek	Dolores	Goldfield ²	Teller
Buffalo	Jefferson	Dove	Weld		
Buford	Rio Blanco				

Post Office	County	Post Office	County	Post Office	County
Gold Hill	Boulder	Kline	La Plata	Mosca	Alamosa
Goodrich	Morgan	Koenig ¹	Weld	Mount Harris ²	Routt
Gordon	Huerfano	Kokomo ²	Summit	Mount Morrison ²	Jefferson
Gorham	Boulder	Kremmling ²	Grand	Mount Princeton Hot	
Graft	Baca	Kutch	Elbert	Springs ¹	Chaffee
*Granada ¹	Prowers	La Boca ¹	La Plata	Mustang	Huerfano
Granby ²	Grand	*Lafayette ²	Boulder	Mystic	Routt
Grand Lake ²	Grand	La Garita	Saguache	Nathrop	Chaffee
*Grand Mesa ¹	Delta	Laird ²	Yuma	Naturita ²	Montrose
*Grand Valley ²	Garfield	*La Jara ²	Conejos	Nederland ²	Boulder
Granite	Chaffee	Lake City ²	Hinsdale	*New Castle ²	Garfield
Great Divide	Moffat	Lake George	Park	New Raymer ²	Weld
Green Knoll	Lincoln	La Plata	La Plata	Ninaview	Bent
Greenland	Douglas	Laporte	Larimer	Niwot	Boulder
Green Mountain Falls	El Paso	Larkspur	Douglas	North Avondale	Pueblo
Greystone	Moffat	La Salle ²	Weld	Northdale ¹	Dolores
Grover ²	Weld	Lascar	Huerfano	North Veta ¹	Huerfano
Guffey	Park	La Veta ²	Huerfano	Norwood ²	San Miguel
Gulnare	Las Animas	Lawson	Clear Creek	Nucula ²	Montrose
Gypsum ²	Eagle	Lay	Moffat	Nunn ²	Weld
Hahns Peak	Routt	Lazear ²	Delta	Officer	Las Animas
Hale	Yuma	Leader	Adams	Ohio	Gunnison
Hamilton	Moffat	Lebanon	Montezuma	Okardo	Baca
Hardin	Weld	Leonard	San Miguel	*Olathe ²	Montrose
Harrisburg	Washington	Lewis ¹	Montezuma	Oleson	Adams
Hartman ²	Prowers	Lily ¹	Moffat	Olney Springs ²	Crowley
Hartsel	Park	Lime	Pueblo	Ophir	San Miguel
Hastings ²	Las Animas	Lindland ³	Jackson	Orchard ²	Morgan
Hasty	Bent	Lindon ¹	Washington	Ordway	Crowley
Haswell ²	Kiowa	Livermore	Larimer	Ortiz	Conejos
Haybro ¹	Routt	Lodore	Moffat	Otis ²	Washington
Hayden ²	Routt	Logcabin	Larimer	*Ouray ²	Ouray
Heartstrong	Yuma	Loma ²	Mesa	Overland Park	Denver
Henderson	Adams	Longs Peak ³	Larimer	Ovid	Sedgwick
Hereford	Weld	Longview ³	Jefferson	Oxford	La Plata
Hesperus ²	La Plata	Loretto	Arapahoe	Padronei	Logan
Highmore	Garfield	*Louisville ²	Boulder	Pagoda	Routt
Hillrose ²	Morgan	Louviers	Douglas	Pagosa Junction	Archuleta
Hillside ²	Fremont	Loyd	Moffat	*Pagosa Springs ²	Archuleta
Hill Top ¹	Douglas	Lucerne	Weld	Palmer Lake	El Paso
Hoehe	Las Animas	Ludlow ²	Las Animas	Pando	Eagle
Home	Larimer	Lycan	Baca	Paoli	Phillips
Homelake	Rio Grande	*Lyons ²	Boulder	Paradox	Montrose
Hooper ²	Alamosa	McClave	Bent	Parkdale	Fremont
*Hotchkiss ²	Delta	McCoy	Eagle	Parker	Douglas
Hot Sulphur Springs ²	Grand	McElmo	Montezuma	Parlin	Gunnison
Howard	Fremont	McGregor	Routt	Parshall	Grand
Howardsville	San Juan	McPhee ²	Montezuma	Patt ¹	Las Animas
Howbert	Park	*Mack ²	Mesa	Paulus ¹	Jackson
Hoyt	Morgan	Maher	Montrose	Pawnee	Morgan
Hudson ²	Weld	Maitland	Huerfano	*Peaceful Valley ¹	Boulder
Hughes	Yuma	Malta	Lake	Peckham	Weld
*Hugo ²	Lincoln	Manassa ²	Conejos	Peetz ²	Logan
Hyde	Washington	*Manacos ²	Montezuma	Penrose ²	Fremont
Hydrate ¹	Routt	*Manzanola ²	Otero	Pershing	Routt
Hygiene	Boulder	*Marble ²	Gunnison	Peyton	El Paso
Idalia	Yuma	Marshall Pass ¹	Saguache	Phippsburg ²	Routt
Idledale	Jefferson	Martin	Grand	Pictou	Huerfano
Ignacio ²	La Plata	Marvine	Rio Blanco	Pierce	Weld
Iliff	Logan	Masonville	Larimer	Pikeview	El Paso
Independence ²	Teller	Massadonna	Moffat	Pine	Jefferson
Indian Hills	Jefferson	Masters	Weld	Pinecliff	Boulder
Iola	Gunnison	Matheson ²	Elbert	Pinnacle	Routt
Ione	Weld	Maybell	Moffat	Pinneo	Washington
Jarosa	Costilla	Mead	Weld	Pitkin	Gunnison
Jefferson	Park	Meredit	Pitkin	Placerville	San Miguel
Joes	Yuma	Merino ²	Logan	Placita ¹	Pitkin
Johnstown ²	Weld	Mesa ²	Mesa	Plainview	Jefferson
Juniper Springs ¹	Moffat	*Mesa Verde National		Platau City	Mesa
Kalous ¹	Weld	Park ¹	Montezuma	Platner	Washington
Karval	Lincoln	Mesita	Costilla	*Platteville ²	Weld
Kauffman	Weld	Messex	Washington	Plum Valley	Las Animas
Kazan	Las Animas	Mildred	Yuma	Poncha Springs ²	Chaffee
Keenesburg ²	Weld	Milliken	Weld	Portland ²	Fremont
Kendrick	Lincoln	Milner	Routt	Powderhorn	Gunnison
Keota	Weld	Mindean	Otero	Price Creek	Moffat
Kersey ²	Weld	Mineral Hot Spgs.	Saguache	Primero	Las Animas
Keyser	Elbert	Minturn ²	Eagle	Pritchett ²	Baca
*Kim ²	Las Animas	Model	Las Animas	Proctor	Logan
Kim's Canyon	Jackson	Moffat	Saguache	Prowers	Bent
*Kiowa ²	Elbert	Molina	Mesa	Pryor	Huerfano
Kirk ²	Yuma	Montezuma	Summit	Purcell	Weld
Kit Carson ²	Cheyenne	Monument	El Paso	Pyramid ¹	Rio Blanco
Kittredge	Jefferson	Morapos	Rio Blanco	Radium	Grand
		Morley	Las Animas	Ragged Mountain ¹	Gunnison

Post Office	County	Post Office	County	Post Office	County
Rago	Washington	Silver Plume ²	Clear Creek	Tungsten ²	Boulder
Ramah ²	El Paso	⁴ Silverton ²	San Juan	Turret	Chaffee
Rand	Jackson	Simla	Elbert	Twin Lakes	Lake
Rangely	Rio Blanco	Simpson	Adams	Two Buttes	Baca
Rapson	Las Animas	Sinbad ¹	Montrose	Tyrone	Las Animas
Rattlesnake Butte ¹	Huerfano	Skull Creek	Moffat	Ute ¹	Montrose
Raven	Garfield	³ Skyway ¹	Mesa	Utleyville	Baca
Ravenwood	Huerfano	Slater	Moffat	Valdez	Las Animas
Read	Delta	Sligo	Weld	Valleroso ¹	Las Animas
Redcliff ²	Eagle	Sloss ¹	Eagle	Vanadium	San Miguel
Red Feather Lakes ³	Larimer	Snowmass	Pitkin	Vernon	Yuma
Red Lion	Logan	Snyder	Morgan	Veta Pass	Costilla
Redmesa	La Plata	Somerset ²	Gunnison	Villagrove	Saguache
Redstone	Pitkin	Sopris ²	Las Animas	Villagreen	Las Animas
Redvale	Montrose	South Fork	Rio Grande	Vim	Weld
Redwing	Huerfano	South Platte	Jefferson	Virginia Dale	Larimer
Richards	Baca	⁴ Spicer ²	Jackson	Vona ³	Kit Carson
Rico ²	Dolores	Spivak	Jefferson	Vroman	Otero
Ridge	Jefferson	Starkville ²	Las Animas	Wages	Yuma
¹ Ridgway ²	Ouray	Stone City	Pueblo	Wagon Wheel Gap ³	Mineral
Riland ¹	Garfield	Stoneham ²	Weld	Waitley ¹	Washington
Rio Blanco	Rio Blanco	Stoner	Montezuma	Walden ²	Jackson
River Bend	Elbert	Stonington ²	Baca	Walsen ²	Huerfano
Roach	Larimer	Strasburg ²	Arapahoe	Walsh ²	Baca
Rockvale ²	Fremont	⁴ Stratton ²	Kit Carson	Ward ²	Boulder
Rockwood	La Plata	Strontia Springs ¹	Douglas	Watkins	Adams
Rodley	Baca	Sugar City ²	Crowley	Waunita Hot Springs ¹	Gunnison
Roggen	Weld	Sugar Loaf ²	Boulder	Weldona ²	Morgan
Rollinsville	Gilpin	Sunbeam	Moffat	Wellington ²	Larimer
Romeo	Conejos	Superior	Boulder	⁴ Westcliffe ²	Custer
Rosita	Custer	Swallows	Pueblo	Westminster	Adams
Roult	Roult	Swink ²	Otero	Weston ²	Las Animas
Ruedi	Eagle	Tabernash ²	Grand	West Plains	Logan
Rugby	Las Animas	Tacoma	La Plata	West Portal ²	Grand
Rush	El Paso	Tacony	El Paso	Wetmore	Custer
Russell ¹	Costilla	Tarryall	Park	Wheatridge ²	Jefferson
Russell Gulch ²	Gilpin	Telluride	San Miguel	Whitewater	Mesa
Rye ⁴	Pueblo	Tennessee Pass	Lake	⁴ Wiggins ²	Morgan
Saguache ²	Saguache	Tercio	Las Animas	Wild Horse ²	Cheyenne
Saint Elmo ¹	Chaffee	Texas Creek	Fremont	Wilds ¹	Larimer
Saints	San Miguel	Thatcher	Las Animas	Wiley ²	Prowers
San Acacio ²	Costilla	Thornburg	Rio Blanco	Willard	Logan
Sanford ²	Conejos	Thurman	Washington	⁴ Windsor ²	Weld
San Luis ²	Costilla	Tiffany	La Plata	Wolcott	Eagle
San Pablo	Costilla	Tigiwon ³	Eagle	Woodland Park	Teller
Sapinero	Gunnison	Tiger ⁴	Summit	Woodman ²	El Paso
Sargents	Saguache	Timmath	Larimer	Woodrow	Washington
Sedalia	Douglas	Timpas	Otero	Woody	Pitkin
Sedgwick	Sedgwick	Tioga	Huerfano	Wormington ¹	Las Animas
Segundo ²	Las Animas	Tobe ¹	Las Animas	Yampa ²	Roult
¹ Seibert ²	Kit Carson	Tolland	Gilpin	Yellow Jacket	Montezuma
Serene	Weld	Tollerberg	Las Animas	Yoder	El Paso
Severence	Weld	Toltec	Huerfano	Youghal ¹	Moffat
Sharpsdale ¹	Huerfano	Toponas	Roult		
Shaw	Lincoln	Towaco	Montezuma		
Shawnee	Park	Towner ²	Kiowa		
Sheephorn	Eagle	³ Trappers Lake ¹	Garfield		
Sheridan Lake	Kiowa	Trinchera	Las Animas		
Sidney	Roult	Troublesome	Grand		
Sigman	Adams	Trout Creek ¹	Roult		
Silom	Pueblo	Troutville ¹	Eagle		
Silt ²	Garfield	Troy	Las Animas		
Silver Cliff	Custer	Trump	Park		

- ¹ Do not issue money orders.
² International money order offices.
³ Summer offices.
⁴ Postal Savings depositories.
⁵ Winter offices.

Cost of Living in Colorado

A STUDY of available figures on the cost of living clearly establishes the fact that it is no more expensive for the individual or family to live in Colorado than in other parts of the country. On the contrary, the cost is shown to be less in typical communities than the average for the country as a whole.

Conditions governing the cost of living vary to such an extent in different localities as to make it next to impossible to prepare tables composed of

arbitrary figures disclosing actual conditions in each. The United States department of labor, however, has an elaborate organization for gathering statistics on the average retail prices of food and other commodities throughout the country. It uses the Denver prices as an index for the state, this data being comparable with other cities of the country in which similar information is obtained and with the country as a whole.

The department of labor compiles

monthly data on the average retail prices of 42 articles of food in the principal cities of the United States. The combined cost of one unit (pound, dozen or can) of each of these articles for the United States on October 15, 1930, based on the average retail price, was \$10.21. On the same date the aggregate cost of the same units at the average retail prices in Denver was \$9.30, or 91 cents less than the average price for the United States. In other words, the average retail prices of the 42 articles of food on that date was 8.9 per cent less in Denver than in the country as a whole.

There is published herewith a table showing the combined cost of the 42 articles of food at average retail prices in Denver and 18 typical cities on October 15, 1930, with comparisons for the same dates in 1929, 1928 and 1927. This table shows that the aggregate cost in Denver was lower than in any of the other cities with which comparisons are made. Denver held the same position among these cities in 1929, 1928 and 1927, thereby showing that the relatively low cost of living in Denver is a normal condition. The same table shows the percentage of increase in the retail cost of food in October, 1930, compared with the same date in 1913. The increase in Denver was 28.6 per cent, the smallest of any of the cities listed, with two exceptions. Of 51 cities included in this compilation by the department of labor, 48 showed a greater increase than Denver and only two showed a smaller increase. Against Denver's increase of 28.6 per cent in the cost of food between October 15, 1913, and the same date in 1930, there are 27 cities which had an increase in excess of 40 per cent.

The average retail prices of bituminous coal, prepared sizes, per ton of 2,000 pounds for household use on October 15, 1930, and the same date in 1929, in typical cities in which the classification of grades are comparable, were as follows:

	1930	1929
Denver	\$10.29	\$10.31
Atlanta	7.47	7.78
Birmingham	7.51	7.61
Dallas	12.58	12.83
Kansas City	6.93	7.28
Los Angeles.....	16.50	16.50
Omaha	9.79	9.67
Pittsburgh	4.91	5.30
Portland, Ore.....	13.27	13.38
St. Louis.....	6.29	6.77
Salt Lake City.....	8.41	7.93
Seattle	10.68	10.68

Natural gas is used extensively for household purposes in a number of cities and towns of the state. The rates mostly are based on sliding scales and prices depend upon the quantity used. Pueblo and other cities generally have the same rate as Denver. The department of labor computes the net price per 1,000 cubic feet on the basis of a family consumption of 5,000 cubic feet per month. The net price per 1,000 cubic feet on that basis in Denver on December 15, 1930, was 99 cents. This compares with \$1.00 in Atlanta, 75 cents in Cincinnati, 60 cents in Cleveland, 48 cents in Columbus, 79 cents in Dallas, 95 cents in Kansas City, 84 cents in Los Angeles, 45 cents in Louisville, 60 cents in Pittsburgh, 99 cents in Salt Lake City and 97 cents in San Francisco.

The net price per kilowatt-hour for electricity for household use in Denver is 7.0 cents for first 15 kilowatt-hours, 6.0 cents for the next 30 kilowatt-hours, and 5.0 cents for excess of 45 kilowatt-hours. Comparisons with other cities are difficult to make due to many cities having sliding scales based on a variable number of kilowatt-hours payable at each rate.

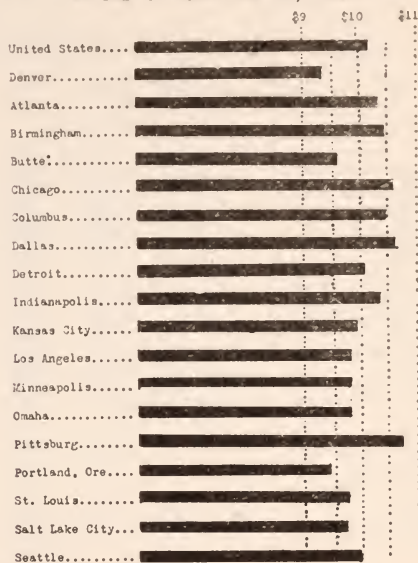
The Colorado industrial commission made a detailed study of changes in the cost of living in Denver covering the period of 1914 to 1926, inclusive. The purpose of this study was to determine the "minimum or comfort-level budget necessary for the theoretical family of five, consisting of the so-called 'wage-earner,' the mother and three children of school age." The estimates were based on the current retail prices of the individual items composing the budget, which were gathered at weekly or monthly intervals. No similar data has been compiled by the commission since 1926. The figures are of value at this time principally as an index of costs of living. Between 1926 and the end of 1930 there was a decrease of 8.9 per cent in the cost of food, clothing, rent, fuel and light, household furnishing goods and miscellaneous items in Denver as reported by the department of labor, and this per cent may be used for the state figures compiled in 1926 by the industrial commission in arriving at approximate costs. The commission reported that the peak in prices was reached in June-July, 1920, in the period from 1914 to 1926, inclusive. Its data covers monthly reports for the period named, from which the follow-

ing yearly averages have been computed:

Item	1914	1920	1926
Housing	\$108.00	\$ 154.24	\$ 173.40
Car fare.....	30.30	36.36	45.45
Food	360.49	597.32	510.35
Clothing	104.20	278.34	286.20
Fuel and light.	33.55	56.35	54.50
Health	20.00	22.09	25.00
Insurance	22.88	22.88	22.88
Sundries	60.00	77.58	80.00
Totals.....	\$739.42	\$1,245.16	\$1,197.78

An accompanying table shows the average retail price of food products in the United States and Denver on October 15, 1930, with comparisons with 1929, 1928, 1926 and 1913. Another table gives the changes in the cost of living in Denver and 12 other cities between December 15, 1917, and the same date in 1930. Another table gives the combined cost of 42 units of food in the United States, Denver and other typical cities on October 15, 1930, 1929, 1928 and 1927, based on the average retail prices. A chart shows the relative cost of food in the same cities on October 15, 1930.

Relative Aggregate Cost of 42 Units of Food in the United States and 18 Typical Cities Based on Average Retail Prices on October 15, 1930



* 41 items only. Oleomargarine not included.

AGGREGATE COST OF 42 UNITS OF FOOD AT AVERAGE RETAIL PRICES IN THE UNITED STATES AND 18 TYPICAL CITIES ON OCTOBER 15, 1930, WITH COMPARISONS

(Compiled from U. S. Department of Labor Statistics)

	Percentage Increase Oct., 1930, Compared with 1913	Aggregate Cost on October 15			
		1930	1929	1928	1927
United States.....	....	\$10.21	\$10.90	\$11.10	\$10.77
Denver	28.6	9.30	9.86	10.11	9.64
Atlanta	45.5	10.31	11.32	11.26	11.18
Birmingham	47.4	10.38	11.21	11.36	10.35
Butte* .....	....	9.57	10.39	10.46	10.10
Chicago	56.5	10.60	11.12	11.43	11.10
Columbus .....	....	10.46	11.10	11.35	10.91
Dallas	42.7	10.70	11.58	11.69	11.34
Detroit	45.9	10.06	10.93	11.24	11.05
Indianapolis	41.7	10.35	11.11	10.97	10.64
Kansas City	39.8	9.86	10.59	10.69	10.35
Los Angeles.....	31.9	9.79	10.87	11.06	10.62
Minneapolis	45.7	9.72	10.21	10.33	9.83
Omaha	36.6	9.67	10.41	10.66	10.14
Pittsburgh	46.5	10.75	11.60	11.85	11.48
Portland, Ore.....	28.3	9.41	10.38	10.51	10.23
St. Louis.....	46.7	9.75	10.52	10.63	10.36
Salt Lake City.....	24.8	9.71	10.35	10.47	10.08
Seattle	36.2	9.93	10.65	10.78	10.35

*Oleomargarine is not included in Montana. Average retail price of that commodity should be added for comparative purposes.

COST OF LIVING IN DENVER
Average Retail Price of Food Products (U. S. Department of Labor)

Article	Unit	Average for U. S. on October 15					Average for Denver on October 15				
		1913	1926	1928	1929	1930	1913	1926	1928	1929	1930
Sirloin steak-----	lb.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
Round steak-----	"	25.7	41.5	50.3	50.3	44.5	23.9	33.6	43.1	42.1	36.4
Rib roast-----	"	23.1	36.0	44.6	44.5	39.3	21.4	30.2	39.9	37.4	33.1
Chuck roast-----	"	20.0	30.5	36.8	37.0	32.5	17.8	24.0	31.7	30.1	28.3
Plate beef-----	"	16.4	22.8	30.2	30.0	25.4	15.8	12.5	27.2	26.1	22.8
	"	12.3	14.6	20.8	21.0	17.2	10.0	11.1	17.5	17.1	14.2
Pork chops-----	"	22.6	42.6	37.6	38.9	37.9	20.8	40.6	36.5	38.4	36.9
Bacon-----	"	27.8	51.7	45.3	43.7	42.6	28.0	53.3	44.9	42.2	41.3
Ham (sliced)-----	"	27.6	59.8	55.6	55.1	53.1	31.7	60.8	54.5	53.3	52.6
Lamb-----	"	18.4	38.3	38.8	38.5	32.8	14.6	35.8	36.6	36.1	28.9
Hens-----	"	21.2	37.6	37.9	38.4	33.8	19.4	29.8	31.6	31.3	26.2
Salmon, canned*-----	"	---	35.6	32.6	31.9	34.0	---	34.5	33.6	33.2	33.8
Milk, fresh-----	qt.	9.0	14.0	14.2	14.4	14.0	8.4	12.0	12.0	12.0	11.3
Milk, evaporated-----	†	---	11.4	11.3	10.6	9.9	---	10.7	10.7	9.9	9.9
Butter-----	lb.	38.2	54.3	57.5	55.7	47.8	39.0	49.0	52.5	49.3	42.9
Oleomargarine-----	"	---	30.2	27.6	27.0	25.0	---	29.0	25.0	24.5	23.2
Cheese-----	"	22.4	36.7	38.8	37.9	34.2	26.1	37.4	40.7	39.0	36.1
Lard-----	"	16.0	21.9	19.5	18.3	17.7	16.1	22.6	19.6	18.4	17.5
Vegetable lard substitute-----	"	---	25.7	24.9	24.7	24.1	---	24.3	21.8	20.9	20.3
Eggs, strictly fresh-----	doz.	41.6	58.1	54.2	58.0	44.8	37.1	55.6	49.9	53.3	40.0
Bread-----	lb.	5.6	9.4	9.1	8.9	8.6	5.5	8.3	7.7	7.6	7.2
Flour-----	"	3.3	5.7	5.2	5.2	4.3	2.6	4.5	4.0	3.9	3.2
Corn meal-----	"	3.1	5.1	5.3	5.3	5.3	2.6	4.0	4.5	4.6	4.7
Rolled oats-----	"	---	9.1	8.9	8.8	8.6	---	8.3	7.5	7.6	7.5
Corn flakes-----	‡	---	10.9	9.5	9.5	9.3	---	11.1	9.5	9.5	9.7
Wheat cereal-----	\$	---	25.4	25.6	25.5	25.4	---	24.9	24.6	24.6	24.7
Macaroni-----	lb.	---	20.2	19.7	19.7	19.1	---	19.7	19.4	19.4	19.7
Rice-----	"	8.1	11.6	9.9	9.7	9.5	8.6	10.6	8.9	8.9	9.0
Beans, navy-----	"	---	9.1	12.5	14.2	11.3	---	9.6	11.4	13.1	9.9
Potatoes-----	"	1.8	3.8	2.2	3.8	3.1	1.4	3.3	1.5	3.0	2.6
Onions-----	"	---	5.0	6.1	5.3	4.2	---	3.7	4.7	4.4	3.8
Cabbage-----	"	---	4.0	4.3	4.5	3.6	---	2.4	2.1	3.5	2.3
Beans, baked-----	||	---	11.7	11.6	11.7	10.8	---	11.4	11.4	11.6	10.7
Corn, canned-----	"	---	16.3	15.8	15.8	15.2	---	14.8	13.9	14.1	14.4
Peas, canned-----	"	---	17.4	16.7	16.7	16.0	---	15.8	15.0	15.3	15.3
Tomatoes, canned-----	"	---	12.1	11.8	12.6	12.1	---	12.1	11.8	12.9	12.8
Sugar, granulated-----	lb.	5.5	7.2	6.9	6.7	5.8	5.4	7.6	7.3	7.4	6.4
Tea-----	"	54.5	77.3	77.3	77.6	77.1	52.8	69.3	70.0	68.7	71.9
Coffee-----	"	29.7	50.9	49.6	49.1	39.1	29.4	51.0	51.0	50.1	41.6
Prunes-----	"	---	16.9	13.8	17.1	14.5	---	18.3	14.4	19.6	15.3
Raisins-----	"	---	14.8	12.4	12.2	11.7	---	14.5	11.0	12.1	11.5
Oranges-----	doz.	---	56.0	64.3	44.9	66.8	---	50.3	62.0	37.2	61.5
Bananas-----	"	---	34.9	33.1	32.4	29.4	---	---	10.8	‡11.1	‡8.4

*Both pink and red.

†15-16-ounce can.

‡8-ounce package.

§28-ounce package.

||No. 2 can.

‡Per lb.

CHANGES IN COST OF LIVING IN 13 CITIES, DECEMBER, 1917, TO DECEMBER, 1930

(Department of Labor)

Per Cent of Increase Over December, 1917, in Expenditures for

City	Food	Clothing	Rent	Fuel and Light	House Furnishing Goods	Miscellaneous	All Items
Denver	*19.9	5.5	47.8	27.4	12.4	37.6	9.7
Atlanta	*13.1	*6.4	30.8	11.6	8.0	30.5	4.5
Birmingham	*14.0	*9.1	23.5	38.5	2.7	25.1	3.8
Cincinnati	*8.0	*8.7	52.8	69.7	8.7	40.4	16.6
Indianapolis	*14.2	*1.6	23.9	30.2	5.6	50.4	10.8
Kansas City	*15.8	1.0	19.8	22.0	*1.1	44.3	7.7
Memphis	*19.2	*2.4	35.8	57.9	10.7	38.8	10.4
Minneapolis	*9.4	*4.4	23.5	39.9	7.8	37.0	10.6
New Orleans	*15.0	.1	45.3	14.4	10.2	40.5	10.2
Pittsburgh	*13.4	*3.9	63.7	84.4	6.6	47.5	15.2
Richmond	*14.9	2.0	25.5	42.0	26.6	41.0	9.3
St. Louis	*14.9	*1.4	59.5	29.1	15.4	42.1	13.9
Scranton	*8.1	10.7	59.1	66.1	29.9	56.8	19.5

*Denotes decrease.

Insurance

THE development of insurance of all kinds in Colorado can be traced with accuracy through the reports of the state insurance commissioner. Owing to the varying reports filed by the companies operating in the state, it is impossible to give the gross amount of insurance in force at any particular time, but the reports of annual premiums and losses paid present a fair view of the situation. The growth of ordinary life insurance is shown by a comparison of the number of policies in force and the aggregate risk. There were 2,237 such policies in force in 1882, covering an aggregate risk of \$7,120,297. At the end of 1930 there were 682,492 policies in force, and the aggregate risks amounted to \$875,969,130.

There were 622 companies, associations, exchanges and societies operating in Colorado on December 31, 1930, compared with 524 on the same date in 1927, classified as follows:

	1927	1930
Fire and marine (stock).....	237	268
Fire and marine (mutual)....	26	32
Life—legal reserve	89	99
Casualty and miscellaneous...	91	143
County mutual fire and hail.	5	5
Assessment life.....	1	...
Assessment health and accident	3	5
Reciprocal exchanges.....	22	21
Fraternal societies.....	50	49
Totals.....	524	622

Premiums received by these companies from Colorado business in 1930 amounted to \$33,529,413, which compares with \$48,089,054 in 1929 and \$38,176,452 in 1927. Losses paid in 1930 amounted to \$16,319,541, which compares with \$15,485,623 in 1929 and \$11,538,749 in 1927.

Losses paid by all companies from 1882 to 1930, inclusive, aggregated \$252,874,168 as follows:

Class	Period	Amount
Fire and marine...	1882-1930	\$ 66,960,267
Life—legal reserve.....	1882-1930	107,917,491
Casualty, etc.....	1882-1930	39,821,447
County mutual	1910-1930	612,206
Assessment life.....	1893-1929	3,732,820
Reciprocal	1916-1930	1,119,583
Colorado assessment hail	1921-1927	483,033
Foreign assessment hail	1910-1925	1,143,333
Fraternal	1916-1930	31,083,988
Total.....		\$252,874,168

The following table shows premium receipts and loss payments by all of the companies operating in the state, as shown by their reports for various dates filed with the state insurance commissioner:

Nature of Insurance	Year	Premiums	Losses
Fire and Marine.....	1882	\$ 600,919	\$ 300,680
	1900	2,000,451	750,828
	1924	6,573,031	3,062,025
	1925	7,005,632	3,225,868
	1926	7,439,471	2,853,858
	1927	7,237,788	3,129,880
	1928	6,919,719	2,622,770
	1929	6,850,251	2,404,199
	1930	6,423,428	2,789,064

Nature of Insurance		Year	Premiums	Losses
Legal Reserve Life		1882	\$ 115,160	\$ 75,193
		1900	2,298,432	790,922
		1924	16,583,309	4,640,777
		1925	18,525,284	4,968,856
		1926	20,237,140	5,506,278
		1927	21,680,094	6,702,442
		1928	23,333,505	7,564,023
		1929	25,345,538	7,547,786
		1930	26,517,099	8,302,497
Casualty, Fidelity and Surety		1882	41,656	21,073
		1900	509,970	291,517
		1924	4,998,581	2,398,773
		1925	5,393,390	2,662,455
		1926	5,508,630	2,743,259
		1927	5,960,900	2,404,142
		1928	5,968,870	2,622,985
		1929	6,593,712	2,842,452
		1930	6,462,038	2,965,108
Assessment Life Health and Accident		1893	215,076	220,647
		1900	145,782	64,008
		1924	147,616	81,688
		1925	185,991	115,343
		1926	170,318	101,120
		1927	190,064	100,086
		1928	198,811	110,559
		1929	127,686	80,548
		1930	121,960	64,377
Reciprocal Fire and Casualty		1916	24,649	1,626
		1924	381,927	57,353
		1925	433,158	77,470
		1926	437,501	90,668
		1927	439,173	90,590
		1928	437,753	116,348
		1929	249,377	103,612
		1930	997,721	96,637
Fraternal		1916	1,828,389	1,511,741
		1924	2,512,753	2,007,089
		1925	2,598,537	2,015,467
		1926	2,610,670	2,039,578
		1927	2,617,822	2,294,747
		1928	2,636,708	2,765,132
		1929	2,834,545	2,483,308
		1930	2,946,660	2,034,418
County Mutual Fire		1910	3,070	261
		1924	38,213	59,792
		1925	*72,040	*62,373
		1926	*52,979	*58,864
		1927	*49,338	48,272
		1928	53,164	33,724
		1929	37,941	23,713
		1930	60,457	67,490
Assessment Hail (Colorado)		1921	136,739	85,263
		1924	3,297	7,121
		1925	27,208	20,127
		1926	26,528	22,020
		1927	1,273	1,949
Assessment Hail (Foreign)		1910	2,516	3,525
		1920	293,512	232,181
		1924	17,115	71,403

*Includes foreign Assessment Hail for these years.

STATE HAIL INSURANCE

The state of Colorado, through a legislative enactment, put into effect in 1929 a law creating a state hail insurance department, which insures farmers against losses by hail. The department is in charge of a commissioner and under the supervision of a board of three members appointed by the governor. Insurance on crops is written by county assessors, their dep-

uties and local representatives. The farmer pays no fee for the writing of the insurance and the only fee connected with the service is the payment of one dollar by the department for each policy written. Insurance rates are based on the class of crops insured and the location of the land.

The time limit of insurance is from May 15 to August 15 for fall wheat, rye, barley and canning peas; from June 1 to September 1 on spring small grain other than barley; from June 15 to September 15 on beans, corn, potatoes, alfalfa, sugar beets, broom corn, cabbage, tomatoes, onions and cucumbers, and from June 20 to September 20 for all crops grown in altitudes above 6,000 feet.

Crops which may be insured are divided into two classes. Class A, which takes the lower rate, includes wheat, oats, emmer, speltz, corn, alfalfa, potatoes, broom corn, sorghums, flax and millet. Class B, which takes the higher rate, includes barley, rye, peas and beans, tomatoes, cabbage, onions and cucumbers.

The maximum amount of insurance permitted under the policy is \$7 per acre on non-irrigated land and \$15 per acre on irrigated land, except that garden or canning peas and beans, cabbages, tomatoes and cucumbers may be insured up to \$25 per acre. The maximum amount of insurance which may be carried by any one person in any one section is \$2,000. The rates vary from 10 per cent on Class A crops and 15 per cent on Class B crops down to three and five per cent, depending upon the location of the counties in which the crops are insured.

In 1929 and 1930 a total of 343,455 acres of crop was insured.

Net insurance written by years is as follows:

Year	Amount
1929	\$ 545,181.88
1930	1,426,041.06

The farmer may pay the premium on his insurance in cash or it may be levied as a tax on his land, payable on January 1 of the year following. The net hail tax collected, by years, was as follows:

Year	Amount
1929	\$ 57,495.47
1930	146,429.44

Net losses paid, by years, were as follows:

Year	Amount
1929	\$ 26,045.03
1930	65,335.68

Colorado Mortality Statistics

THERE were 12,865 deaths from all causes in Colorado in 1929 reported to the state health department. This compares with 14,077 in 1928 and 13,082 in 1927. In 1928, the latest year in which final and comparative figures of the United States bureau of the census are available, the largest number of deaths from any single cause was from diseases of the heart, the total being 1,861. This compares with 1,612 in 1927 and 1,385 in 1925 from the same cause. Tuberculosis in all forms took second place with a total of 1,415 deaths, which compared with 1,492 in 1927 and 1,495 in 1925. Accompanying tables give the principal causes of death and also the death rate by causes. Deaths by suicide, homicide and by accidents are reported under separate heads in this chapter.

Colorado's death rate per 1,000 population in 1928, as reported by the census bureau, was 12.9, compared with 12.2 in 1927 and 11.6 in 1926. In 1927, the latest year for which comparative figures are available, the death rate per 1,000 population in the 42 states comprising the registration area was 11.4 and in 1926 was 13.0 per 1,000 population. There were 11 states in the registration area with a higher death rate in 1927 than Colorado and 30 with a lower rate. The bureau points out, however, that crude death rates by no means tell the whole story regarding the healthfulness of different localities. Race stock, occupations of the inhabitants, the sex and age distribution of the population, and the relative number of deaths of non-residents are factors that must be considered before it can be determined that one state is more healthful than another. It is apparent that Colorado, being a state that attracts thousands of tourists and healthseekers, is affected by a large percentage of non-resident deaths, and this undoubtedly is the cause of the state's comparatively high rate for certain classes of diseases, such as tuberculosis and pneumonia. The refined rate for Colorado in 1925, a rate based on the death of residents only, whether they died in Colorado or some other state, was 11.9 per 1,000 population, or only one-tenth of one per cent higher than for the entire registration area.

The following table shows the num-

ber of deaths from all causes in Colorado by years and the rate per 1,000 population for Colorado and the registration area:

Year	Number	Rate	
		Colo.	Area
1920 .....	.....	14.4	13.1
1922	13,216	13.3	11.8
1923	12,259	12.5	12.3
1924	12,522	12.6	11.8
1925	12,549	12.0	11.8
1926	12,260	11.6	12.2
1927	13,082	12.2	11.4
1928	14,077	12.9	...

The number of deaths, distribution and rate per 1,000 population in 1925 and 1927 for Colorado were as follows:

	1925		1927	
	Number	Rate	Number	Rate
White	12,176	11.9	12,739	12.0
Colored	373	24.2	343	22.6
Total	12,549	12.1	13,082	12.2
Urban	5,908	15.2	5,969	14.9
Rural	6,641	10.2	7,113	10.6
Total	12,549	12.1	13,082	12.2

The months in which the largest number of deaths in the state occurred in 1927 were January, 1,240; December, 1,178, and March, 1,175. The months in which the smallest number occurred were July, 952, and October, 998. The ages at which the deaths occurred were as follows:

Under 1 year	1,710
65 to 69 years	1,050
70 to 74 years	1,010
75 to 79 years	923
60 to 64 years	883
55 to 59 years	757
50 to 54 years	640
1 to 4 years	636
80 to 84 years	633
35 to 39 years	612
30 to 34 years	598
45 to 49 years	589
40 to 44 years	587
25 to 29 years	553
20 to 24 years	493
15 to 19 years	363
85 to 89 years	337
5 to 9 years	307
10 to 14 years	243
90 to 94 years	109
95 to 99 years	27
100 years and over	6
Age unknown	16

Total deaths 13,082

An accompanying table shows the death rate per 100,000 population in Colorado for the years 1921 to 1928, inclusive, with comparative rates for the registration area of the United States for 1925 and 1927.

The number of deaths from various causes and the totals for 1927 and 1928, were as follows:

Cause ¹	1927	1928	Cause	1927	1928
Typhoid and paratyphoid fever	77	42	Nephritis	789	875
Malaria	1	2	Puerperal septicemia	98	82
Smallpox	3	1	Puerperal causes other than puerperal septicemia	110	102
Measles	136	54	Congenital malformations and diseases of early infancy	757	790
Scarlet fever	63	48	Suicide	166	184
Whooping cough	57	121	Homicide	59	61
Diphtheria	98	41	Accidental and unspecified external causes	926	917
Influenza	432	1,135	Burns (conflagration excepted)	34	54
Dysentery	29	17	Accidental drowning	65	66
Erysipelas	47	52	Accidental shooting	44	39
Acute anterior poliomyelitis	15	28	Accidental falls	123	150
Lethargic encephalitis	15	15	Mine accidents	77	53
Meningococcus meningitis	48	138	Machinery accidents	25	20
Tuberculosis (all forms)	1,492	1,415	Railroad accidents	78	58
Of the respiratory system	1,398	1,321	Collision with automobiles	22	15
Of the meninges, central nervous system	29	32	Other railroad accidents	56	43
Other forms	65	62	Street car accidents	6	8
Syphilis ²	144	148	Collision with automobile	..	..
Cancer and other malignant tumors	1,004	1,017	Other street car accidents	6	8
Rheumatism	47	43	Automobile accidents (excluding collision with railroad trains and street cars)	234	221
Pellagra	2	3	Injuries by vehicles other than railroad trains, street cars and automobiles ³	29	35
Diabetes mellitus	132	186	Excessive heat (burns excepted)	..	..
Meningitis (nonepidemic)	51	50	Other external causes	211	213
Cerebral hemorrhage and softening	842	888	All other defined causes	1,285	1,214
Paralysis without specific cause	45	28	Unknown or ill-defined causes	51	52
Diseases of the heart	1,612	1,861			
Diseases of the arteries, atheroma, aneurism, etc.	261	239			
Bronchitis	44	45			
Pneumonia (all forms)	1,068	1,269			
Respiratory diseases other than bronchitis and pneumonia (all forms)	133	155			
Diarrhea and enteritis	438	343			
Diarrhea and enteritis (under 2 years)	366	269			
Diarrhea and enteritis (2 years and over)	72	74			
Appendicitis and typhlitis	282	250			
Hernia, intestinal obstruction	155	116			
Cirrhosis of the liver	68	50			

¹Exclusive of stillbirths.²Includes tabes dorsalis (locomotor ataxia) and general paralysis of the insane.³Includes airplane, balloon and motorcycle accidents.

DEATH RATE PER 100,000 POPULATION (Compiled from Census Reports)

Cause of Death	Colorado								Registration Area	
	1921	1922	1923	1924	1925	1926	1927	1928	1925	1927
Typhoid and paratyphoid fever	10.1	11.4	10.5	6.7	8.8	5.9	7.2	3.9	7.9	5.5
Malaria	—	0.2	—	—	0.2	0.3	0.3	0.2	2.1	2.7
Smallpox	4.7	27.8	1.6	—	—	0.1	0.3	0.1	0.7	0.1
Measles	8.4	0.7	9.8	21.5	0.8	1.2	12.7	5.0	2.3	4.1
Scarlet fever	5.9	5.4	4.2	4.4	2.9	2.1	5.9	4.4	2.7	2.3
Whooping cough	10.2	6.0	10.5	6.5	9.9	17.2	5.3	11.1	6.7	6.9
Diphtheria	24.8	27.4	23.9	15.6	14.3	9.2	9.1	3.8	7.8	7.8
Influenza and pneumonia (all forms)	180.4	191.0	166.2	156.7	157.3	154.5	139.6	220.2	123.1	102.7
Tuberculosis (all forms)	184.6	183.3	168.5	163.1	152.4	144.2	139.2	129.8	86.6	80.8
Cancer and other malignant tumors	74.7	73.8	85.9	83.3	86.7	82.1	93.5	93.3	92.6	95.6
Diabetes mellitus	14.3	14.6	13.1	9.9	10.2	13.4	12.3	17.1	16.9	17.5
Alcoholism	3.2	4.2	3.7	2.9	1.7	2.3	2.4	—	3.6	4.0
Cirrhosis of the liver	5.6	6.4	5.4	6.2	4.7	4.8	6.3	4.6	7.3	7.5
Diseases of the heart	122.6	138.5	126.0	126.5	133.3	142.7	150.1	170.7	185.5	195.7
Pneumonia (all forms)	110.5	131.7	112.2	122.5	101.2	98.5	99.4	116.4	93.5	80.5
Diarrhea and enteritis	41.5	43.6	41.1	38.4	46.3	29.5	34.1	31.5	31.5	20.2
Acute and chronic nephritis	68.8	78.4	70.7	76.3	71.6	72.1	73.5	80.3	90.3	95.0
Old age	14.4	14.1	10.6	10.6	11.5	13.0	13.5	—	12.0	10.6
Suicide	14.8	18.0	14.2	16.3	17.4	14.7	15.5	16.9	12.1	13.3
Homicide	11.8	11.7	9.2	10.0	8.1	6.6	5.5	5.6	8.6	8.7
Automobile accidents	12.6	16.3	15.9	15.7	14.0	16.5	21.8	20.3	17.0	19.5
Unknown or ill-defined diseases	2.6	4.5	2.9	4.6	0.3	2.4	4.7	4.8	17.8	17.6

DEATHS FROM AUTOMOBILE ACCIDENTS

Deaths from automobile accidents in Colorado in 1929 were 264, exclusive of collisions with railroad trains and street cars, an increase of 43 compared with 1928, and an increase of 30 over 1927. Deaths where automobiles come into collision with railroad trains and street cars are listed under railroad accidents. There were 22 deaths in 1927 and 15 in 1928 in railroad collisions with automobiles and none in street car collisions. The number of deaths and rates per 100,000 population in Colorado and the registration area by years are as follows:

Year	No.	Rate	
		Colo.	Area
1918	120	13.1	9.3
1919	118	12.7	9.4
1920	117	12.4	10.4
1921	121	12.6	11.5
1922	159	16.3	12.5
1923	157	15.9	14.9
1924	158	15.7	15.7
1925	146	14.0	17.0
1926	175	16.5	17.9
1927	234	21.8	19.5
1928	221	20.3	...
1929	264	...	...

DEATHS BY SUICIDE

Deaths by suicide in Colorado average around 164 each year, the variation from the average being less than thirty in any year since 1922. There were 158 deaths from that cause in the state in 1929, according to the reports of the state health department, that number being 20 less than in 1928, the highest in the eight years, and 27 more than in 1923, when the lowest number was reported.

The following table gives the number of suicides and the rate per 100,000 population for Colorado and the registration area by years as reported by the state board of health and the bureau of the census:

Year	No.	Rate	
		Colo.	Area
1913	...	22.1	15.8
1914	...	19.2	16.6
1915	...	18.8	16.7
1916	...	13.3	14.2
1917	...	13.7	13.4
1918	...	14.6	12.2
1919	...	14.2	11.4
1920	...	15.7	10.2
1921	...	14.8	12.6
1922	176	18.0	11.9
1923	137	14.2	11.6
1924	164	16.3	12.2
1925	181	17.4	12.1
1926	148	14.7	12.8
1927	166	15.5	13.2
1928	184	16.9	...
1929	158	...	...

Note—Comparative figures for 1928 and 1929 have not yet been published.

The largest number of deaths in 1925 and 1927 by suicide were of persons between the ages of 35 and 44 years. The number in 1925 was 41 out of the total of 181, and in 1927 was 36 out of a total of 166. The next largest number were of ages between 45 and 54 years, there being 29 of those ages in 1925 and 35 in 1927. Principal methods of committing suicide were as follows:

	1925	1927
By poison	22	13
By corrosive substances	12	21
By poisonous gas	19	19
By hanging or strangulation	17	12
By drowning	7	4
By firearms	88	85
By cutting or piercing instruments	9	8
By jumping from high places	2	..
By crushing	2	2
By other causes	3	2
	181	166

HOMICIDE DEATHS

Deaths from homicide in Colorado in 1929 were 87, an increase of 28 compared with the number in 1928 and a decrease of 27 compared with 1922, the highest in the past eight years. The figures are those reported by the state health department and the United States census bureau. The term "homicide" as here used includes murder, manslaughter, justifiable homicide and incendiarism, but not legal executions. In connection with preventive measures it is noted that 66 out of the 84 homicides in 1925 were by firearms. This is equal to 78.5 per cent of the total. Four were by cutting or piercing instruments and 14 by other means.

In 1927, 46 out of the 59 homicides, or 93.8 per cent, were by firearms, five were by cutting or piercing instruments and eight by other means.

The number of deaths, as far as records are available, and the rate per 100,000 population for Colorado and for the registration area of the United States, by years, are as follows:

Year	No.	Rate	
		Colo.	Area
1915	...	10.6	7.0
1916	...	8.2	7.1
1917	...	8.9	7.7
1918	...	7.5	6.8
1919	...	10.6	7.5
1920	...	9.2	7.1
1921	...	11.8	8.5
1922	114	11.7	8.4
1923	90	9.2	8.1
1924	100	10.0	8.5
1925	84	8.1	8.6
1926	69	6.6	8.6
1927	59	5.5	8.7
1928	59	5.6	...
1929	87	...	...

DEATHS FROM ALCOHOLISM

Colorado became a prohibition state on January 1, 1916, when laws prohibiting the manufacture, sale and possession of intoxicating liquors became effective. The federal constitutional amendment prohibiting the sale of liquors became effective on January 16, 1920. Colorado was, therefore, a "dry" state four years before prohibition became a national law.

Data from the census bureau show that in the year Colorado prohibited the sale of liquors deaths from alcoholism decreased 58 per cent under the preceding year and continued to decrease until 1920, when the total decrease amounted to 90 per cent. The next two years showed substantial increases.

The following table shows the death rate per 100,000 population in Colorado from alcoholism by years, with comparative rate for the registration area of the United States.

Year	Colorado	Reg. Area
1914	8.3	4.9
1915	7.2	4.4
1916	3.0	5.8
1917	2.3	5.2
1918	1.4	2.7
1919	0.8	1.6
1920	0.7	1.0
1921	3.2	1.8
1922	4.2	2.6
1923	3.7	3.2
1924	2.9	3.2
1925	1.7	3.6
1926	2.3	3.9
1927	2.4	4.0

Death rate from cirrhosis of the liver for Colorado was 4.6 per cent in 1928.

PRISONERS AND CRIME CONDITIONS

The absence of any uniform system for compiling statistics on crime conditions makes it almost impossible to prepare data of any practical value. This is due to several causes. Crime detection and punishment is handled by a variety of agencies, including federal, state, county and municipal authorities, and the lack of any central agency to eliminate duplications, report upon disposition of prisoners and to classify the crimes imposes a problem that has not been solved satisfactorily. A single prisoner may be charged with several offenses and may be tried in courts of different jurisdictions. One agency may compile records principally of offenses reported, another of convictions secured and a third upon an entirely different basis,

and these cannot be harmonized for comparative purposes. The survey presented here is confined principally to prisoners received in the county jails of the state. Some additional information is given in another chapter on the state penitentiary and reform institutions.

There were received in the county jails of the state during the year ending November 30, 1930, a total of 10,934 prisoners, of which 10,115 were male and 819 were female. This was an increase of 348 over the number received in the preceding year, an increase of 267 over the number received in 1928 and an increase of 473 over the number received in 1927. The number of prisoners in the jails at the end of the fiscal year was 913, compared with 496 on November 30, 1929, and 660 on the same date in 1928. The record of no prisoners received, which was maintained by Archuleta county for four years in succession, was broken in 1929, when four prisoners were received.

Seventeen counties received no female prisoners in 1930, which compares with 16 counties in 1929, 21 counties in 1928 and 18 counties in 1927. Two counties failed to make any report on prisoners.

The numbers received by years, and by sex, were as follows:

Year	Male	Female	Total
1925	11,071	729	11,800
1926	9,132	574	9,706
1927	9,956	505	10,461
1928	10,193	474	10,667
1929	9,904	682	10,586
1930	10,115	819	10,934

The percentages of males and females received by years were as follows:

Year	Per Cent	
	Male	Female
1925	93.82	6.18
1926	94.09	5.91
1927	95.17	4.83
1928	95.56	4.44
1929	93.57	6.43
1930	92.50	7.50

A table published on page 311 in this volume shows the number of prisoners received in jails by counties and years, and number of prisoners confined at the end of the fiscal years.

The number of prisoners in the county jails of the state on November 30, of the years named, as reported by the sheriffs, were as follows:

Year	Male Female		Total
	Male	Female	Total
1924	..	..	847
1925	518	41	559
1926	492	29	521
1927	676	43	719
1928	604	43	647
1929	471	25	496
1930	849	64	913

PRISONERS IN COUNTY JAILS, YEARS ENDING NOVEMBER 30
(From Records of County Sheriffs)

COUNTY	Prisoners Received						No. Prisoners at End of Year		
	1930			1929	1928	1927	1930	1929	1928
	Male	Female	Total						
Adams.....	321	13	339	368	308	339	11	15	9
Alamosa.....	42	...	42	44	28	*	1	4	1
Arapahoe.....	60	7	67	130	68	192	7	3	6
Archuleta.....	3	...	3	4	...	...	...	1	...
Baca.....	89	2	91	32	75	85	6	...	2
Bent.....	108	6	114	77	64	*	3	4	3
Boulder.....	498	35	533	530	562	513	15	8	12
Chaffee.....	29	2	31	42	29	51	5	8	1
Cheyenne.....	20	...	20	25	12	21	2	1	...
Clear Creek.....	24	2	26	15	32	30	2	3	2
Conejos.....	10	...	10	27	7	*	8	1	1
Costilla.....	23	...	23	11	5	4	3	...	...
Crowley.....	101	10	111	77	94	99	3	...	1
Custer.....	6	...	6	2	2	5	2	1	...
Delta.....	50	4	54	65	68	56	3	5	6
Denver.....	4,065	357	4,422	4,369	4,756	4,421	290	243	395
Dolores.....	6	...	6	*	22	*	...	*	1
Douglas.....	68	2	70	54	35	46	...	...	2
Eagle.....	29	4	33	23	41	22	10	...	6
Elbert.....	8	...	8	21	*	12	1	...	*
El Paso.....	441	65	506	442	385	373	16	16	11
Fremont.....	94	10	104	107	91	88	8	5	9
Garfield.....	69	2	71	108	105	192	10	8	17
Gilpin.....	32	...	32	12	10	12	...	...	...
Grand.....	25	...	25	29	26	35	...	...	...
Gunnison.....	57	2	59	42	47	36	3	1	45
Hinsdale.....	...	...	...	*	...	...	...	*	...
Huerfano.....	132	14	146	136	143	76	7	5	5
Jackson.....	2	...	2	2	1	1	...	...	...
Jefferson.....	283	19	302	327	278	*	11	11	5
Kiowa.....	20	...	20	13	6	6	...	...	...
Kit Carson.....	*	*	*	72	41	*	...	5	...
Lake.....	126	8	134	175	395	86	4	...	...
La Plata.....	151	14	165	185	167	160	7	7	26
Larimer.....	253	13	266	230	237	273	9	8	4
Las Animas.....	290	29	319	328	477	760	7	7	...
Lincoln.....	50	...	50	22	...	44	11	...	...
Logan.....	157	15	172	134	157	120	16	3	1
Mesa.....	146	14	160	194	*	117	8	12	*
Mineral.....	1	...	1	3	1	2	...	2	...
Moffat.....	64	...	64	44	35	34	5	2	3
Montezuma.....	53	2	55	36	39	17	1	1	2
Montrose.....	85	1	86	85	87	105	7	...	6
Morgan.....	241	21	262	194	202	184	5	7	3
Otero.....	277	16	293	218	233	281	273	11	21
Ouray.....	26	2	28	25	6	7	...	...	...
Park.....	10	...	10	11	14	7	...	...	...
Phillips.....	44	5	49	18	2	*	5	4	2
Pitkin.....	1	...	1	6	1	6	...	...	...
Prowers.....	246	25	271	223	155	148	13	12	7
Pueblo.....	481	62	543	486	356	453	74	35	19
Rio Blanco.....	9	...	9	8	15	17	2	2	...
Rio Grande.....	65	2	67	71	85	39	5	...	...
Routt.....	81	9	90	54	*	61	7	3	*
Saguache.....	6	4	10	48	74	53	4	6	1
San Juan.....	2	...	2	6	12	4	...	...	...
San Miguel.....	2	...	2	6	7	98	...	...	...
Sedgwick.....	*	*	*	*	43	40	*	*	...
Summit.....	7	1	8	7	8	13	...	4	3
Teller.....	79	3	82	50	57	52	...	...	3
Washington.....	22	...	22	40	21	42	...	1	...
Weld.....	425	12	437	378	361	435	23	19	14
Yuma.....	*	*	*	95	79	88	*	2	5
State.....	10,115	819	10,934	10,586	10,667	10,461	913	496	660

*Data not available.

LIBRARIES IN COLORADO

Colorado has extensive library facilities available to the public, many of which are maintained in whole or in part by public funds. These include libraries owned by the state, public libraries in the cities and towns, and libraries owned by educational institutions and private organizations, most of which are available to the public. The Colorado state library is located in the capitol building at Denver and a constitutional provision makes the state superintendent of public instruction the librarian. This library is used as a depository for the preservation of state records and reports and is also a depository for United States government reports and documents. There are more than 125,000 volumes in this library. A state law library, which is under the supervision of the supreme court, is located in the capitol and contains 35,000 volumes. An historical library, which is under the supervision of the State Historical society, is located in the state museum building.

The Colorado Library commission was created by the twenty-seventh general assembly. It is given power to do all things necessary to create and keep in operation free traveling libraries for the state of Colorado. It is also the duty of the commission to further library development throughout the state, to give assistance to free libraries and to committees which propose to establish them, and to aid in the selection of books, cataloging and other details of administration. The traveling library, which is under the commission's administration, endeavors to keep in circulation books in rural communities where public libraries are not available. The circulation of this library in 1930 was 31,794 volumes.

Available records cover 64 state, public and institutional libraries which contain an aggregate of 1,339,686 volumes. This list does not, however, include 49 public libraries in small towns which failed to report to the state library commission, and numerous community libraries maintained by local clubs and other organizations. A summary of libraries and number of volumes is as follows:

	Volumes
State libraries	163,500
Publicly controlled universities and colleges.....	263,975
Privately controlled universities and colleges.....	200,750
Public libraries	711,461

The number of volumes in the libraries of privately controlled colleges and universities in Colorado are reported as follows:

	No. Vols.
Colorado college.....	110,000
Colorado Woman's college.....	3,750
Iliff School of Theology.....	13,000
Regis college.....	27,000
University of Denver.....	32,000
Westminster Law school.....	5,000
Loretta Heights college.....	10,000
Total.....	200,750

The number of volumes in the libraries of publicly controlled colleges and universities are reported as follows:

	No. Vols.
University of Colorado.....	185,000
Agricultural college.....	57,625
School of Mines.....	21,350
Total.....	263,975

An accompanying table shows the locations of public libraries reporting to the state library commission, the number of volumes, circulation, appropriations for their maintenance, the number of borrowers and the number of hours in which they are open each week.

In addition to libraries, or in connection therewith, 34 cities and towns maintain reading rooms where files of newspapers and magazines are available. The location of these reading rooms, the number of publications and number of readers, is as follows:

Town	No. Publications	No. Readers
Alamosa	47	15,000
Boulder	66	No Record
Brighton	32	No Record
Brush	42	26,284
Burlington	16	356
Canon City.....	45	14,742
Colorado Springs—		
Branch	41	17,551
Delta	36	No Record
Denver	775	.....
Durango	61	14,779
Eaton	12	No Record
Estes Park	8	1,870
Evergreen	23	No Record
Florence	30	15,827
Fort Collins.....	122	26,083
Fort Morgan	50	23,083
Glenwood Springs	17	500
Golden	7	309
Greeley	100	No Record
Idaho Springs	30	No Record
Lamar	72	8,823
Las Animas.....	31	3,220
Littleton	25	5,024
Longmont	89	No Record
Loveland	90	22,974
Mancos	20	No Record
Monte Vista.....	32	24,241
Montrose	26	No Record
Pueblo	90	No Record
Rocky Ford	70	17,052
Salida	75	No Record
Sterling	63	7,198
Swink	9	100
Victor	12	500

PUBLIC LIBRARIES IN COLORADO
(From Reports of the Colorado Library Commission)

CITY OR TOWN	No. of Volumes	Circu- lation	Appro- priation	No. of Borrow- ers	Hours Per Week
Alamosa	5,343	25,753	\$ 2,962	1,162	45
Ault	1,525	60	60	....	4
Aurora	3,500	7,000	780	....	..
Boulder	17,082	65,693	5,131	6,000	75 ½
Brighton	7,185	36,193	2,327	2,879	30
Brush	6,713	22,184	1,590	1,507	25 ½
Buena Vista.....	2,600	3,000	120	66	12
Burlington	3,400	8,000	700	750	18
Canon City.....	9,066	19,031	2,400	....	66
Colorado Springs.....	44,300	146,327	19,221	....	..
Colorado Springs—Branch...	7,340	23,558	3,640	....	42
Delta	8,073	28,118	2,400	2,328	45
Denver	329,303	1,963,984	240,000	....	79
Durango	14,780	37,988	5,000	3,692	76
Eaton	5,025	7,860	700	245	12
Estes Park	4,400	7,321	1,000	....	4
Evergreen	7,792	5,847	None	562	42
Flagler	2,500	2,000	100	....	10
Fort Collins.....	19,356	94,214	6,985	4,500	75 ½
Fort Lupton.....	2,816	8,839	1,196	....	9
Fort Morgan	10,000	17,742	3,163	6,559	36
Glenwood Springs.....	4,700	10,000	400	505	20
Golden	6,000	4,140	500	497	42
Greeley	25,679	136,307	14,000	7,000	76
Hayden	2,000	400	300	400	10
Holyoke	5,000	4,000	None	300	20
Hugo .....	....	7,284	....	....	..
Idaho Springs	6,947	10,824	1,000	547	36
Lamar	6,591	11,628	1,200	600	38
Las Animas	6,500	15,528	1,600	2,928	28
Littleton	4,200	19,461	1,400	880	33
Longmont	12,000	44,098	4,500	....	75
Louisville	980	2,000	200	....	4
Loveland	8,701	43,466	4,000	3,500	48
Mancos	3,000	2,500	....	....	54
Manzanola	2,468	....	60	124	6
Merino	1,452	4,985	....	210	6
Monte Vista.....	5,230	23,610	1,736	1,727	45
Montrose	7,399	26,351	2,950	4,000	39
Platteville	1,915	1,360	100	....	6
Pueblo	38,590	158,288	12,000	12,248	78
Rifle	3,000	12,000	550	....	13 ½
Rocky Ford	8,200	40,506	3,000	1,740	54
Salida	9,300	12,000	2,700	1,000	42
Sterling	11,329	59,136	6,185	3,873	59
Swink	2,250	1,050	120	200	6
Victor	9,500	9,600	....	800	14
Virginia Dale.....	230	....	10	....	..
Wellington	1,700	2,860	60	....	4
Windsor	2,501	7,500	600	1,173	15
Wray	2,000	5,400	700	175	9
Totals.....	711,461	3,206,994	\$359,346	74,677	—

Public libraries in the following cities and towns did not report to the State Library Commission: Akron, Alma, Breckenridge, Briggsdale, Center, Central City, Cheraw, Collbran, Craig, Cripple Creek, Del Norte, Eastonville, Englewood, Evans, Fairplay, Forbes, Fowler, Georgetown, Grand Junction, Gunnison, Haswell, Hillrose, Hotchkiss, Johnstown, Julesburg, La Junta, Lazear, Leadville, Manitou, Maybelle, Meeker, Milliken, Morrison, New Raymer, Oak Creek, Olathe, Otis, Ouray, Ovid, Pagosa Springs, Penrose, San Acacio, Silverton, Steamboat Springs, Sugar City, Telluride, Trinidad, Walsenburg.

PUBLIC UTILITIES IN COLORADO

On January 1, 1928, the latest date to which the statistics have been compiled, there were 270 public utilities operating in the state of Colorado, excluding motor vehicle common carriers, which filed annual reports with the state public utilities commission. Of motor vehicle carriers operating in the state there were 240 holding certificates of convenience and necessity as of November 30, 1928.

The classification of the utilities is as follows:

Steam railroads:

Operating	21
Switching and terminal.....	3
Non-operating, lessor.....	4
Total	28
Electric railways.....	8
Cable roads.....	1
Express companies.....	1
Sleeping car companies.....	1

Electric utilities:

Privately owned	38
Municipally owned.....	22
Total	60

Gas utilities:

Privately owned	6
Municipally owned.....	1
Total	7

Water utilities:

Privately owned	23
Municipally owned.....	88
Total	111

Telephone utilities.....	49
Telegraph utilities.....	4
Total	270

Summaries of the operations of the principal utilities for the years ending December 31, 1927 and 1926, are given in accompanying tables.

STEAM RAILROAD OPERATIONS IN COLORADO, YEARS ENDING DEC. 31

(From Reports of the Public Utilities Commission)

Note—Figures cover operations within the state only.

	1927	1926
Freight Service:		
Tons—revenue freight.....	37,172,477	37,408,409
Ton miles—revenue freight.....	3,884,468,409	4,110,299,123
Passenger Service:		
Passengers carried—revenue	2,800,510	3,098,304
Passenger miles—revenue	361,145,957	392,727,582
Revenues and Expenses:		
Freight revenue	\$52,298,711.33	\$56,361,105.15
Passenger revenue.....	10,772,009.85	11,932,726.80
Other operating revenue.....	7,026,336.10	7,290,867.90
(Pass. service train revenue).....	14,471,168.33	8,551,503.10
Railway operating revenues.....	\$70,097,057.28	\$75,584,699.85
Railway operating expenses.....	55,062,399.58	55,875,217.46
Net railway operating revenues.....	\$15,034,657.70	\$19,709,482.39
Operating ratio (per cent).....	78.55	73.92

ELECTRIC RAILWAY OPERATIONS IN COLORADO, YEARS ENDING DEC. 31

	1927	1926
Passengers carried.....	78,777,556	82,586,290
Revenue from transportation.....	\$5,019,054	\$5,386,169
Railway operating revenues.....	\$5,224,547	\$5,595,865
Railway operating expenses.....	\$3,651,355	\$3,972,991
Net revenue railway operations.....	\$1,573,191	\$1,622,874
Operating ratio (per cent).....	69.89	71.00

Note—Statistics cover operations of eight companies in 1927 and 10 companies in 1926, two companies having discontinued.

SUMMARY OF ELECTRIC UTILITIES OPERATIONS, YEARS ENDING DEC. 31
(From Reports of the Utilities Commission)

	Privately Owned		Municipally Owned	
	1927	1926	1927	1926
Number of consumers.....	171,793	171,903	22,195	22,376
Plant investment book value...	\$87,383,271	\$105,264,634	\$4,339,546	\$4,571,579
Revenue from sale of current...	13,192,283	15,659,002	1,183,786	1,268,524
Revenue from merchandise and miscellaneous	93,362	73,798	27,614	29,055
Operating expenses.....	7,338,907	9,280,828	683,479	708,413
Taxes	1,227,889	1,501,970	.....	.....
Operating income	4,718,856	4,950,002	527,921	589,166
Operating ratio (per cent).....	55.24	58.99	56.42	54.60
Return plant inv. (per cent)....	5.4	4.7	12.2	12.9

Note—Report covers 38 privately owned and 22 municipally owned plants in 1927 and 39 privately owned and 22 municipally owned in 1926.

GAS UTILITIES OPERATIONS IN COLORADO IN 1927

Note—Figures cover the operations of nine companies, all privately owned except one. Figures for 1926 are omitted as they are not comparable.

	1927
Number of consumers.....	81,544
Plant investment (book value).....	\$26,221,260
Revenue from gas sales.....	4,139,889
Miscellaneous revenue.....	41,609
Operating expenses.....	3,249,971
Taxes	340,186
Operating income	591,341
Operating ratio (per cent).....	77.72
Return on plant investment (per cent).....	2.3

WATER UTILITIES OPERATIONS IN COLORADO, YEARS ENDING DEC. 31
(From Reports of the Public Utilities Commission)

Note—Figures cover the operations of 22 privately owned and 80 municipally owned water utilities in 1926 and 23 privately owned and 88 municipally owned in 1927.

	Privately Owned		Municipally Owned	
	1927	1926	1927	1926
Number of consumers.....	4,609	4,826	102,027	110,573
Plant investment.....	\$2,344,732	\$2,067,767	\$42,224,939	\$37,684,568
Revenue from sale of water.	204,422	194,070	3,599,761	3,343,264
Miscellaneous revenue	3,178	5,414	65,388	67,565
Operating expenses.....	140,616	120,326	1,752,863	1,704,137
Operating income.....	41,816	55,542	1,912,287	1,706,693
Operating ratio (per cent)...	67.73	60.32	47.83	49.96
Return on plant investment (per cent)	1.8	2.7	4.5	4.5

TELEPHONE UTILITIES OPERATIONS IN COLORADO, YEARS ENDING DECEMBER 31

(From Reports of the Public Utilities Commission)

Note—Figures cover operations of 49 companies in 1927 and 45 in 1926, all privately owned.

	1927	1926
Number subscribers	174,252	167,931
Total investment	\$31,213,621	\$29,043,456
Operating revenues	7,809,660	7,302,004
Operating expenses	5,815,608	5,111,282
Taxes	815,772	796,488
Operating income	1,178,280	1,394,234
Operating ratio (per cent)	74.47	70.00
Return on investment (per cent)	3.8	4.8

NOTABLE TUNNELS IN COLORADO

The propensity of man to battle and overcome natural barriers in his path of progress is illustrated in Colorado by the many miles of tunnels which have been constructed to level railroad grades through the mountains, convey water from the rivers to the valleys for irrigation purposes, recover the minerals in the earth and to generate hydro-electric power for industrial and domestic uses. Some of the mining districts in the state, such as Cripple Creek and Leadville, are literally honeycombed with underground tunnels, shafts, entries and drifts, while in some of the older coal mining areas the sub-surface workings extend for miles in all directions like the radiating streets of a city. Rivers have been diverted through mountain ranges in order that their waters might be harnessed for the use of tillers of the soil, or to supply the domestic needs of a city or town, and mighty streams have been conquered and controlled so that their power might be used in the mines and the mills. Mountains that were barriers to transportation routes have been penetrated and trains that could not go over them now go through them.

The Denver & Salt Lake (Moffat) railroad, which runs westward from Denver directly through the main range of the Rockies, is a notable example of the use of tunnels to reduce grades for economical transportation purposes. In a distance of 232 miles between Denver and Craig it goes through 52 tunnels with an aggregate length of 56,618 feet, or 10.7 miles, including the Moffat tunnel. The Denver & Rio Grande Western has 16 tunnels with an aggregate length of 11,030

feet, exclusive of tunnels on the Rio Grande Southern railroad.

It is next to impossible to compile a record of all the tunnels that have been driven in Colorado, even if such a list would be of any great value, but there are many that stand out as among the notable borings of the world. The more important of these are described as follows:

The Moffat tunnel was cut under a shoulder of James peak, 50 miles west of Denver, for the purpose of eliminating heavy railroad grades over the Continental Divide and shortening railroad distances. It is a public improvement constructed by the Moffat Tunnel Improvement district, created by the state legislature on April 29, 1922. It was named in honor of David H. Moffat, a pioneer banker and railroad builder, to whom is given the credit for having originated the undertaking.

The Moffat Tunnel Commission is composed of W. N. W. Blayne, Herbert Fairall and George P. Schumacker, all of Denver; Charles H. Leckenby of Steamboat Springs, and Charles H. Wheeler of Yampa. The members of the commission are appointed by the governor.

The district includes Denver, Grand, Moffat and Routt counties and portions of Gilpin, Jefferson, Eagle, Adams and Boulder counties. The cost of the tunnel was approximately \$18,000,000, of which the major part was defrayed by the proceeds of four bond issues totalling \$15,470,000, and the remainder from profits from concessions.

The tunnel is 6.4 miles long, 24 feet in height and 18 feet in width. A pioneer tunnel bored parallel with the main tunnel to facilitate the work is eight feet high and eight feet wide.

The pioneer tunnel was officially

"holed" through on February 18, 1927, the blast of dynamite being set off by President Coolidge upon pressing a key in Washington, and the program being broadcasted to the country by radio from the heart of the mountain. This tunnel is under lease for a nominal rental to the city of Denver, which is maintaining it with a view of using it for water transportation purposes. The railroad tunnel was "holed" through on July 7, 1927, and formally turned over completed to the lessee on February 26, 1928. The railway tunnel has been leased to the Denver & Salt Lake Railway company for 50 years. This lease is at present involved in litigation. Projected railroad connections through the tunnel will shorten the distance between Denver and the Pacific coast by 176 miles.

The project involved the excavation of 750,000 cubic yards, or 3,000,000,000 pounds of rock, equal to 1,600 freight trains of 40 cars each; 2,500,000 pounds of dynamite discharged; 700 miles of drill holes; 800,000 pounds of drill steel; 11,000,000 F. B. M. timber, equivalent to more than 2,000 miles of 1 by 12-inch plank; and the use of 28,000,000 K. W. H. electric power.

The Gunnison tunnel is located in Montrose county, near the town of that name, in western Colorado, and was constructed by the United States reclamation service as a part of the Uncompahgre reclamation project, at a cost of \$2,905,317. It is 30,645 feet, or 5.8 miles long and is the shape of a horseshoe, being 10 feet wide at the base and 12.4 feet high at the center of the arch. The elevation is 6,433 feet above sea level at the upper end and it is 2,157 feet under ground at the apex. It diverts water from the Gunnison river into the Uncompahgre river basin. F. C. Lauzon, who for a number of years had been a miner, is credited with the conception of the idea out of which the project grew. Mr. Lauzon claimed that the idea came to him in a dream. At the time of its completion it was rated as the longest irrigation tunnel in the world. Work started on the project in January, 1905, and its completion was celebrated on September 23, 1909, when President Taft, accompanied by a party of distinguished people, touched a golden plate attached to a silver bell that was electrically equipped to open the headgate and release the waters of the river into the tunnel. Its construction was attended with a number of dramatic and difficult events. A

year after work started it encountered a seam carrying warm water surcharged with carbonic acid gas, which caused a suspension of operations for six months until a shaft for ventilation purposes could be constructed. At 2,000 feet it went through a geological fault and work went ahead in a highly saturated atmosphere at a temperature of 90 degrees Fahrenheit. Cloudbursts and water streams hindered the work at several intervals.

The Frederick mine, near Valdez, in Las Animas county, owned and operated by the Colorado Fuel & Iron company, has 154,000 feet, or 29.15 miles, of underground tunnels, or entries as they are known in the industry, the workings having two entries, one for the intake and the other for the return. It is one of the largest, if not the largest, coal mine in the state.

The Busk-Ivanhoe tunnel is located across the boundary between Lake and Pitkin counties, west of Leadville. It penetrates the Sawatch mountain range and connects the Atlantic and Pacific slopes of the continental divide, a distance of 9,394 feet. The elevation is 10,810 feet above sea level at Busk and 10,944 feet at Ivanhoe, and at the time of its construction it was the second highest tunnel in the world. It was driven almost entirely through granite and cost \$1,250,000. Thirty men were killed in the progress of the work. It was started on August 1, 1890, as a private enterprise, the promoters expecting to lease or sell it to the Colorado Midland railway which had been completed in 1889 from Colorado Springs by way of Ute Pass and Leadville to New Castle. The tunnel saved 530 feet in elevation and seven miles in distance for the railroad. The project was a financial failure, the promoters having undertaken its construction without a contract for its use by the railroad and the latter subsequently bought it at a fractional part of its original cost. The railroad, in turn, was unprofitable and passed into the hands of a private owner, who junked most of it during the world war. On May 13, 1922, he quit-claimed the right-of-way for that portion of the railroad abandoned to the state highway department for highway purposes, title in the tunnel itself not being transferred. State highway No. 104 now runs through the tunnel.

The Yak tunnel, in the Leadville

mining district in Lake county, was constructed for drainage, transportation and development purposes in connection with deep mining. It goes from California Gulch eastward below Iron and Breece hill and emerges near the London mine in Park county. The elevation is 10,333 feet and its length is four miles. The venture was started by A. A. Blow and at first was known as the Blow tunnel. Construction started in 1886 and it was completed in 1910. It is seven feet wide and seven feet high.

The Newhouse, or Argo tunnel as it is now known, is located at Idaho Springs, in Clear Creek county, and was constructed for mining development purposes. It is eight feet wide by eight feet high and 4.16 miles long. Hand work started on it in September, 1893, and machines were installed the following January. It was completed on November 17, 1910.

The Shoshone tunnel is located near Glenwood Springs, in Garfield county, the intake being 12 miles above Glenwood Springs on the Colorado river. It was constructed in 1906-1910 by the Central Colorado Power company to generate electricity by water power and now belongs to the Public Service company of Colorado. Tunnelling was through granite for the entire distance. It is 12 feet wide and 16.8 feet high. The total length is 12,453 feet and the cost, exclusive of the concrete lining, was \$927,653.

The Laramie-Poudre tunnel, which was constructed for the purpose of diverting water from the Laramie river to be used in irrigating 125,000 acres of land in Larimer and Weld counties, is located near Home, in Larimer county, the intake being on the east bank of the Laramie river near the mouth of West Fork. It is seven and one-half feet wide and nine and one-half feet high and 11,306 feet long. It cost approximately \$500,000, including an open cut 1,100 feet long on the western end. It has a capacity of 1,000 cubic feet of water per second. The water taken from the Laramie river and diverted through the tunnel empties into the Cache la Poudre river. Construction began on August 25, 1902, and was completed on July 20, 1911. It is sometimes called the Greeley-Poudre tunnel.

The Lucania tunnel, at Idaho Springs, in Clear Creek county, was constructed for mine development and transportation purposes. It was

started in the fall of 1901 and up to January 1, 1911, had been driven 6,385 feet. The projected length is 12,000 feet. The size of the tunnel is eight feet square.

The Big Five, or Central tunnel, at Idaho Springs, Clear Creek county, constructed for mine drainage and transportation purposes, is 9,000 feet long. It is 12 feet wide by eight feet high for a distance of 2,500 feet and the remainder is five feet wide by seven feet high.

The Rowley tunnel at Bonanza, Saaguache county, was started on May 27, 1911, and completed in October, 1912. It is eight feet wide, seven feet high and 6,600 feet long. It was constructed for mine drainage and development purposes.

The Marshall-Russell tunnel, which was constructed for mine drainage, transportation and development purposes, is located at Empire, in Clear Creek county. Construction work started in October, 1901, and it was completed in 1912. It is eight feet wide, nine feet high and 6,700 feet long.

The Roosevelt tunnel is located in the Cripple Creek district in Teller county and was constructed to drain gold mines in the district. It is 10 feet wide, six feet high and 14,167 feet long. It cost \$386,421. Work started on it in June, 1907, and it was finished to the extent that the first drainage had begun in 1910.

Among the tunnels listed in Bulletin 57 of the United States Bureau of Mines, by David W. Brunton and John A. Davis, but not included in the above are:

Name	Location	Length
Burleigh.....	Silver Plume.....	3,000
Carter.....	Ohio City.....	7,600
Gold Links.....	Ohio City.....	3,900
Raymond.....	Ohio City.....	3,200
Sawatch.....	Leadville.....	5,000
Stillwell.....	Telluride.....	2,500

RETAIL DISTRIBUTION IN COLORADO

There are 14,063 retail stores in Colorado, which had net sales in 1929 amounting to \$497,852,191, according to preliminary reports of the Bureau of the Census on the 1930 census of retail distribution. This is equal to 13.6 stores per 1,000 population, which compares with 12.6 stores per 1,000 population for the 48 states and the District of Columbia. The per capita sales of these stores in 1929 amounted to \$480.65 as against \$407.53

per capita for the United States. There are eight states, including the District of Columbia, in which the per capita sales are larger than in Colorado, and 40 states in which they are less. Five of the eight states with larger per capita sales than Colorado also have a larger number of stores per 1,000 population.

The summary of retail distribution divides the business into 10 groups which, in turn, are sub-divided. The automotive group led all others with net sales of \$116,028,283, or 23.3 per cent of total net sales for all groups. The food group came second with net sales of \$115,857,617, or 23.28 per cent of the total. A table published herewith gives the number of stores, net sales and per cent of the total for the various groups. The detailed tables showing the sub-divisions of the various groups are omitted for lack of space, but these are available in the printed reports of the census bureau.

There are 15 kinds of business in the automotive group with 3,000 stores and other retail establishments and total sales of \$116,028,283. The sales at retail of motor vehicles, both new and used, aggregated more than \$79,200,000, accessories more than \$6,700,000, sales through 1,368 filling stations exceeded \$21,700,000 and various other automotive establishments accounted for the balance.

The general merchandise group with 608 stores consists of 60 department stores selling more than \$48,600,000 annually; 271 dry goods stores exceeding \$7,600,000 in sales; 115 variety, 5-and-10, and to-a-dollar stores with sales of \$5,693,679; and 162 general stores with more than \$9,800,000 of aggregate sales.

In the apparel group the report shows 16 kinds of stores, the more important of which are men's stores, women's ready-to-wear specialty stores and shoe stores. The 806 apparel stores sell \$29,083,161 of goods annually.

The furniture and household group of 408 stores report sales of \$19,989,254, or 4 per cent of the state total. The principal kinds of stores in this group are furniture stores and electrical household appliances stores. There are nine other kinds of stores shown in detail within this group.

There are 28 cafeterias, 425 restau-

rants with full table service, 508 lunch rooms, 170 lunch counters, refreshment stands, and box lunches, and 105 fountains and soft drink stands. The group of 1,236 eating places does an aggregate business of \$17,752,008, or 4 per cent of the total retail business of the state.

The lumber and building group, with 776 yards and stores, shows total sales of \$30,711,272, or 6 per cent of the state total of all retail business. More than half of this amount is reported by 267 lumber and building materials yards; 169 hardware stores show sales of \$4,524,454. There are 36 electrical shops, 63 lumber and hardware, 126 plumbing, heating and ventilating shops, 30 roofing establishments, 13 heating appliance retailers (including installers of domestic oil burners), 68 paint and glass stores, and 4 glass and mirror shops.

Among the other retail stores shown in detail in this census report are 210 coal and wood yards, 80 feed stores, 93 dealers in farm implements, 93 florists, 116 radio dealers, and 645 country general stores. There are 253 cigar stands, 14 cigar stores with fountains, and 126 cigar stores without fountains, 482 drug stores with fountains and 171 drug stores without fountains, and 216 jewelry stores, 12 of which are installment credit jewelers. There are 40 other kinds of business, each as precisely described as the above. In all, there are 3,464 stores in the group described as "Other retail stores." In addition, there are 272 secondhand stores, shown in 11 classifications in this comprehensive census report.

Another table presented herewith shows that of the 14,063 retail stores in the state, 12,141 are single-store independents, 418 are national chain stores and 339 are sectional chain stores. The net sales of the single-store independents was \$359,799,554, or 72.27 per cent of the total, the national chain stores \$31,926,026, or 6.41 per cent, and the sectional chain stores \$29,685,495, or 5.96 per cent, an aggregate for the national and sectional chain stores of \$61,611,527, or 12.37 per cent.

There are also given in connection with this chapter tables giving summaries of retail distribution in the principal cities of the state.

SUMMARY OF THE PRINCIPAL RETAIL GROUPS IN COLORADO

(1930 Population, 1,035,791; Per Capita Sales, \$480.65)

	Number of Stores	Net Sales (1929)	Per Cent of Total Net Sales
Automotive group.....	3,000	\$116,028,283	23.30
Food group.....	3,493	115,857,617	23.28
General merchandise group.....	608	71,899,357	14.44
Lumber and building group.....	776	30,711,272	6.17
Apparel group.....	806	29,083,161	5.83
Furniture and household group.....	408	19,989,254	4.01
Restaurants and eating places.....	1,236	17,752,008	3.56
Country general stores.....	645	17,111,753	3.43
All other stores.....	2,819	76,812,818	15.44
Secondhand stores.....	272	2,606,668	.54
Total, retail stores.....	14,063	\$497,852,191	100.00

TYPES OF OPERATION IN COLORADO

	Number of Stores	Net Sales (1929)	Per Cent of Total Net Sales
Single-store independents.....	12,141	\$359,799,554	72.27
Two-store independents.....	458	30,148,948	6.06
Three-store independents.....	168	10,415,591	2.09
Local chains of four stores and over.....	411	18,534,422	3.72
Sectional chains.....	339	29,685,495	5.96
National chains.....	418	31,926,026	6.41
Mail-order business.....	10	10,787,396	2.17
Direct selling (house-to-house).....	5	92,142	.02
Industrial stores.....	7	99,301	.02
Leased department chains.....	8	331,852	.07
Utility-operated retail stores.....	52	3,036,950	.61
Manufacturer-controlled chains (sales branches).....	22	1,619,487	.33
Co-operative stores.....	12	514,736	.10
Branch systems of four stores and over... 2 }		546,434	.11
Rolling stores..... 2 }		313,857	.06
Unclassified types.....	8		
Totals.....	14,063	\$497,852,191	100.00

SUMMARY OF PRINCIPAL RETAIL GROUPS IN DENVER

	Num- ber of Stores	Employees (full time)	Net Sales (1929)	Per Cent of Total	Stocks on Hand End of Year (at cost)	Salaries and Wages (total)
Food group.....	1,335	2,223	\$ 57,658,296	25.70	\$ 1,880,373	\$ 2,996,425
Automotive group.....	769	2,827	41,333,103	18.42	3,136,153	4,257,500
General merchandise group.....	127	4,848	40,940,532	18.25	8,471,527	5,329,344
Apparel group.....	324	1,620	17,145,436	7.64	3,712,712	2,526,885
Furniture and household group...	125	1,422	11,546,727	5.15	2,615,750	2,019,640
Restaurants and eating places...	425	2,217	9,551,980	4.26	115,219	2,009,539
Lumber and building group.....	179	684	7,727,789	3.44	1,739,002	1,255,363
All other stores.....	1,194	3,838	38,466,458	17.14	7,136,588	5,922,931
Totals.....	4,478	19,679	\$224,370,321	100.00	\$28,807,324	\$26,317,627

SUMMARY OF PRINCIPAL RETAIL GROUPS IN PUEBLO

	Number of Stores	Employees (full time)	Net Sales (1929)	Per Cent of Total	Inventory (at cost)	Salaries and Wages (total)
Automotive group-----	121	483	\$ 6,574,293	23.68	\$ 558,692	\$ 704,396
Food group-----	234	330	6,062,752	21.83	315,159	393,905
General merchandise group-----	20	492	4,622,027	16.64	985,730	595,859
Apparel group-----	54	168	2,129,729	7.67	665,879	231,022
Eating places-----	64	245	800,656	2.88	21,558	163,790
Furniture and household group-----	19	116	1,408,414	5.07	352,525	166,085
Lumber and building group-----	30	183	1,667,448	6.00	439,716	266,998
All other stores-----	164	457	4,507,070	16.23	1,005,531	664,521
Totals-----	706	2,474	\$27,772,389	100.00	\$4,344,790	\$3,186,576

SUMMARY OF PRINCIPAL RETAIL GROUPS IN COLORADO SPRINGS

	Number of Stores	Employees (full time)	Net Sales (1929)	Per Cent of Total	Inventory (at cost)	Salaries and Wages (total)
Automotive group-----	98	549	\$ 6,526,067	25.83	\$ 643,572	\$ 777,923
Food group-----	168	302	5,289,040	20.94	303,681	380,352
General merchandise group-----	14	376	2,807,290	11.11	644,835	410,540
Lumber and building group-----	40	264	2,419,301	9.58	612,081	439,758
Apparel group-----	60	168	2,163,124	8.56	807,536	254,873
Furniture and household group-----	19	78	825,768	3.27	195,760	109,127
Restaurants and eating places-----	38	181	687,386	2.72	15,291	143,363
All other stores-----	142	460	4,546,077	17.99	977,186	629,914
Totals-----	579	2,378	\$25,264,053	100.00	\$4,199,942	\$3,145,850

SUMMARY OF PRINCIPAL RETAIL GROUPS IN FORT COLLINS

	Number of Stores	Employees (full time)	Net Sales (1929)	Per Cent of Total	Stocks on Hand End of Year (at cost)	Salaries and Wages (total)
Automotive group-----	55	147	\$2,061,243	26.82	\$ 231,931	\$ 236,385
Food group-----	44	89	1,890,622	24.60	145,825	113,273
General merchandise group-----	8	110	876,624	11.41	245,361	91,992
Lumber and building group-----	20	56	672,574	8.75	253,461	101,773
Apparel group-----	16	24	405,141	5.27	122,898	36,696
Furniture and household group-----	8	35	396,094	5.15	137,977	53,316
Restaurants and eating places-----	16	45	223,993	2.91	8,869	35,265
All other stores-----	44	103	1,158,687	15.09	224,580	165,625
Totals-----	211	609	\$7,684,978	100.00	\$1,370,902	\$ 834,325

SUMMARY OF PRINCIPAL RETAIL GROUPS IN GREELEY

	Number of Stores	Employees (full time)	Net Sales (1929)	Per Cent of Total	Inventory (at cost)	Salaries and Wages (total)
Automotive group-----	54	214	\$ 3,935,346	33.44	\$ 331,317	\$ 350,260
Food group-----	46	96	2,126,916	18.08	133,599	139,154
General merchandise group-----	11	139	1,445,501	12.29	316,497	149,743
Lumber and building group-----	26	89	1,083,661	9.20	233,575	147,884
Apparel group-----	20	38	583,488	4.96	146,929	61,868
Restaurants and eating places-----	23	76	414,543	3.52	8,184	71,088
Furniture and household group-----	6	71	378,229	3.22	117,822	129,097
Other retail stores-----	60	119	1,799,458	15.29	296,384	200,147
Totals-----	246	842	\$11,767,142	100.00	\$1,634,307	\$1,249,241

SUMMARY OF PRINCIPAL RETAIL GROUPS IN BOULDER

	Number of Stores	Employees (full time)	Net Sales (1929)	Per Cent of Total	Inventory (at cost)	Salaries and Wages (total)
Food group-----	68	86	\$1,991,642	26.44	\$ 118,235	\$ 116,835
Automotive group-----	67	129	1,702,084	22.60	143,006	175,664
Apparel group-----	24	69	826,648	10.97	268,828	92,286
Lumber and building group-----	11	45	500,274	6.64	184,029	79,940
General merchandise group-----	5	66	465,575	6.18	84,444	46,385
Restaurants and eating places-----	23	103	396,562	5.26	3,679	74,707
Furniture and household group-----	6	25	297,619	3.95	120,706	41,175
All other stores-----	68	125	1,352,674	17.96	346,431	167,815
Totals-----	272	648	\$7,533,078	100.00	\$1,269,358	\$ 794,807

SUMMARY OF PRINCIPAL RETAIL GROUPS IN GRAND JUNCTION

	Number of Stores	Employees (full time)	Net Sales (1929)	Per Cent of Total	Inventory (at cost)	Salaries and Wages (total)
Food group-----	34	124	\$3,068,593	33.12	\$ 243,504	\$ 246,258
Automotive group-----	41	143	1,979,585	21.36	208,319	201,096
General merchandise group-----	9	136	1,185,192	12.80	313,586	137,234
Lumber and building group-----	17	50	581,134	6.27	188,305	99,417
Apparel group-----	12	34	579,946	6.25	263,070	55,075
Furniture and household group-----	10	36	398,908	4.31	117,457	55,082
Restaurants and eating places-----	15	90	340,523	3.67	11,902	66,937
All other stores-----	58	125	1,132,081	12.22	273,518	168,509
Totals-----	196	738	\$9,265,962	100.00	\$1,619,661	\$1,029,608

SUMMARY OF PRINCIPAL RETAIL GROUPS IN TRINIDAD

	Number of Stores	Employees (full time)	Net Sales (1929)	Per Cent of Total	Inventory (at cost)	Salaries and Wages (total)
Automotive group-----	48	169	\$2,693,589	31.21	\$ 174,023	\$ 258,210
Food group-----	58	83	1,943,212	22.52	118,747	101,384
General merchandise group-----	18	195	1,612,522	18.69	405,975	176,948
Lumber and building group-----	13	41	497,674	5.77	146,016	96,133
Restaurants and eating places-----	19	105	328,297	3.80	7,083	65,871
Apparel group-----	16	34	327,327	3.79	109,710	46,930
Furniture and household group-----	5	79	222,522	2.58	44,866	153,522
All other stores-----	42	99	1,004,452	11.64	258,700	139,064
Totals-----	219	805	\$8,629,595	100.00	\$1,265,120	\$1,038,062

Note.—Attention is called to the fact that in reports on retail distribution in the cities and towns no service businesses, such as laundries and barber shops, are included. The total number of employees does not include those working part time, but the total payroll includes the salaries of both full-time and part-time employees. Later reports will show the number of part-time employees and their wages. They will show the number of proprietors who are wholly or primarily engaged in the operation of their stores but who are not classified as employees. The abridged figures above do not provide the basis for correctly computing average wages, average sales per employee nor rate of stock turn.

WHOLESALE DISTRIBUTION

The bureau of the census, in a preliminary report, credits Colorado with 2,076 establishments engaged in the wholesale business in 1929. The volume of business handled by these establishments amounted to \$540,398,295, or \$521,620 per 1,000 population. This is a little less than the volume of wholesale trade per 1,000 population for the United States, which is \$567,122. The wholesale trade thus reported is \$42,546,104 less than the volume of retail trade in the state in the same year as reported by the same agency. The difference between the volume of wholesale trade and the volume of retail business is accounted for by the fact that the volume of wholesale business includes exports made by wholesale establishments, sales to industrial consumers, and involves duplication in handling at various stages of the movement of goods from producers to retailers and to industrial consumers. The retail business, on the other hand, includes sales made to the ultimate consumer only. The census figures show, however, that more than 50 per cent of the wholesale total is accounted for by the sales of wholesale merchants of the usual type.

Denver, the only city in Colorado for which a separate report has been issued so far, had 510 wholesalers proper in 1929; employed 6,602 people; had net sales of \$212,150,339; paid out \$11,493,222 in salaries and wages; and had stocks on hand at the end of the year to the value of \$17,107,375. In addition to the wholesalers proper there are also a large number of establishments in the wholesale field, such as manufacturers' sales branches, and bulk stations of the petroleum industry, brokers, selling agents, etc.

LATITUDE AND LONGITUDE

Colorado lies between the 37th and 41st parallels north of the equator and the 102nd and 109th meridians west of Greenwich. Parallels are imaginary lines encircling the earth, each parallel being an equal distance at all points from the equator. A meridian is a great circle on the surface of the earth passing through the poles and any given place. Latitude is the distance north or south from the equator measured on the meridians. Longitude is the distance east or west of Greenwich measured on the paral-

lels. The distance between parallels and between meridians is measured by degrees. A degree of latitude (distance between two parallels) is 68.704 miles at the equator and 69.407 at the poles. The average in Colorado is approximately 69 miles. Thus, Colorado lies from 2,553 to 2,829 miles north of the equator. A degree is equal to 60 minutes and a minute is equal to 60 seconds.

The latitude and longitude of designated points in Colorado are as follows:

	Latitude	Longitude
	" ' "	" ' "
Denver	39 40 36N	104 56 56W
Mt. Elbert.....	39 07 04N	106 26 41W
Mt. Ouray.....	38 25 22N	106 13 27W
Pike's Peak.....	38 50 26N	105 02 37W

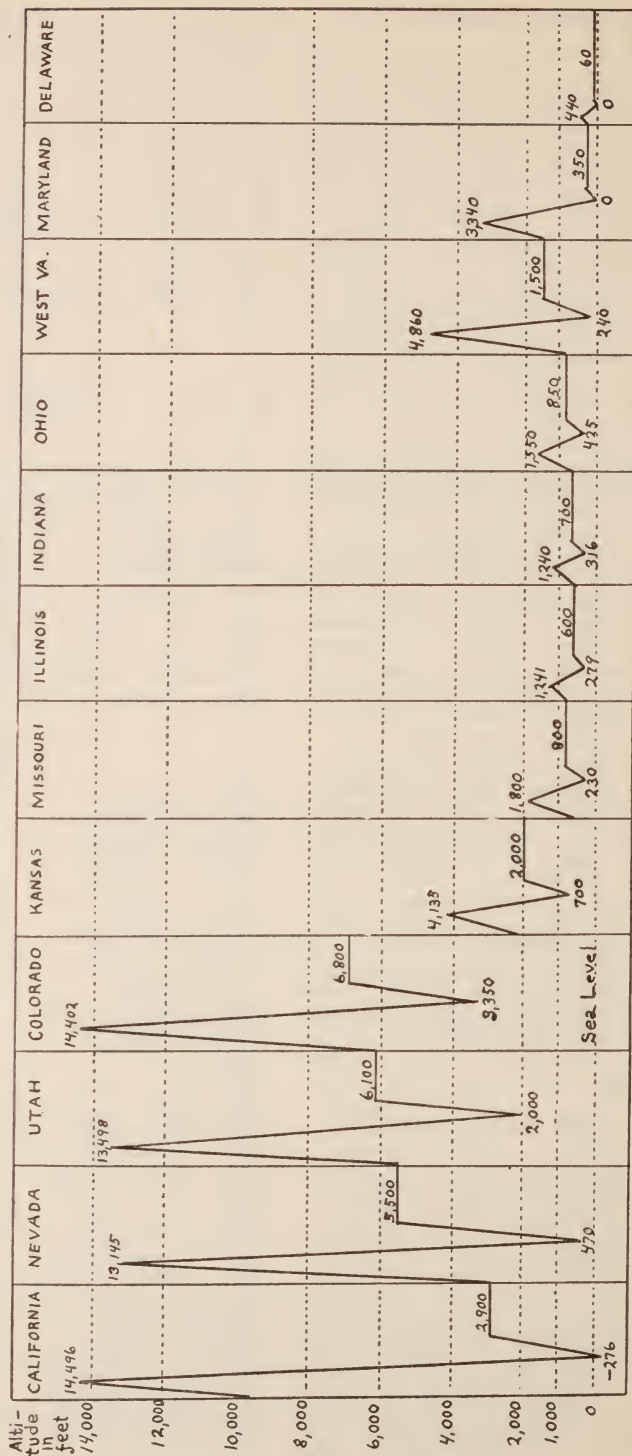
°Degree. 'Minutes. "Seconds.

The following table gives the distance in miles north and south of Denver, reckoned on latitude, of important cities of the world. It is based on an average of 69 miles to the degree. The distance given is not from Denver to the city named, but from an imaginary line encircling the earth at Denver's latitude to the city due north or south of that line:

City	— Miles —	
	South of Denver	North of Denver
Algiers, Algeria.....	131	...
Archangel, Russia.....	...	1,716
Berkeley, California.....	55	...
Berlin, Germany.....	...	885
Bismarck, North Dakota.....	...	493
Bogota, Columbia.....	2,351	...
Boston, Massachusetts.....	...	185
Calcutta, India.....	1,112	...
Carson City, Nevada.....	36	...
Chicago, Illinois.....	...	150
Cincinnati, Ohio.....	37	...
Colon, Panama.....	2,022	...
Constantinople, Turkey.....	...	92
Dry Tortugas, Florida.....	968	...
Dublin, Ireland.....	...	946
Fairbanks, Alaska.....	...	1,736
Gibraltar.....	177	...
Hongkong, China.....	1,126	...
Honolulu, H. I.....	1,199	...
Indianapolis, Indiana.....	...	7
Leningrad, Russia.....	...	1,398
London, England.....	...	814
Los Angeles, Calif.....	343	...
Manila, P. I.....	1,663	...
Melbourne, Victoria.....	5,346	...
Montreal, Canada.....	...	403
Moscow, Russia.....	...	1,110
Nashville, Tennessee.....	174	...
New Orleans, Louisiana.....	603	...
New York, New York.....	...	78
Omaha, Nebraska.....	...	109
Paris, France.....	...	632
Portland, Maine.....	...	275
Portland, Oregon.....	...	404
Rio de Janeiro, Brazil.....	4,455	...
Rome, Italy.....	...	153
St. Louis, Missouri.....	71	...
San Francisco, Calif.....	100	...
Sidney, N. S. W.....	5,024	...
Washington, D. C.....	52	...

HIGHEST AND LOWEST POINTS AND APPROXIMATE MEAN ALTITUDE OF STATES THROUGH WHICH PASSES THE THIRTY-NINTH PARALLEL

(Compiled from Reports of the U. S. Geological Survey)



CO-OPERATIVE MARKETING ASSOCIATIONS

Co-operative marketing of Colorado agricultural products has become increasingly general during the past 10 years through the rapid expansion of farmer-owned merchandising associations. Although a few of these associations antedate the passage of the state co-operative marketing act of 1923, most of them have been formed since that time. Almost all of them are incorporated under its provisions. At the present time there are a score of statewide and regional organizations, and upwards of half a hundred local associations.

Differing in their details of operation, all of the marketing associations have one common purpose: the merchandising of their members' products in an orderly manner over a definite period of time. Many of them make "advances" to the members at delivery time; and the total returns always are prorated between all the members on a basis of volume and grade. Thus the farmer receives the average price which his association received for all of the crop, less the usual handling charges and association overhead.

The object of co-operative marketing is to secure for the farmer a better return than he can secure by marketing individually. These increased returns are made possible, in many instances, by reduced handling charges, elimination of competition, and expert marketing skill. An important effect of co-operative marketing is a reduction of harvest time "dumping" on glutted markets, with the consequent seasonal decline in prices. By carrying their members' crops over the entire marketing year and adjusting sales to the month-by-month demand, the associations exert a stabilizing market influence that is entirely lacking when the bulk of a crop is forced onto the market in a three-month period each fall.

One of the oldest and most successful of Colorado's co-operative marketing associations, the Colorado Potato Growers Exchange, handles between \$3,500,000 and \$6,500,000 worth of products annually. Another, the Mountain States Beet Growers Marketing association, negotiates annually the price of a crop worth from 12 to 20 millions. Several others do an annual business ranging between \$100,000 and \$1,000,000 each.

Since the passage of the agricul-

tural marketing act and the formation of the federal farm board, a number of Colorado associations have become affiliated with the national co-operative sales organizations sponsored by the government department. These sales organizations are designed to co-ordinate the activities of the state and regional associations of each commodity, and handle the entire sales of the co-operative members.

The national sales organizations, like the local and statewide associations, are owned and controlled by the members. Each member has one vote in his local association, and each local has its representative share of control in the regional and national groups.

In Colorado many of the associations own or lease their own handling facilities, and are thus able to handle their members' products at actual cost.

Besides the co-operative marketing associations, Colorado farmers also own a number of co-operative purchasing concerns. Some of these are buying subsidiaries of the marketing associations, formed for the purpose of purchasing supplies required in the growing, processing or packaging of the crop. Others are purely purchasing organizations for handling oil, fertilizers, or other agricultural requirements.

Among the larger Colorado co-operative marketing associations are:

Colorado Co-operative Lettuce association, Buena Vista.

Colorado Potato Growers Exchange, operating 17 Colorado locals and several in Wyoming, and marketing their branded "Colotato" potatoes in 26 states.

Colorado Onion Growers' locals at Delta, Montrose and Olathe, operating in conjunction with the potato association.

Colorado Grain Growers, Inc., a regional division of the Farmers National Grain corporation, handling grain for the Colorado Wheat Growers association, for local elevator members and for individual grower members.

Colorado Wool Marketing association, Denver.

Colorado Poultrymen's Exchange, operating locals at Colorado Springs and Pueblo.

Conejos County Vegetable Growers Co-operative association, Romeo.

Del Norte Vegetable Growers Co-operative association.

Intermountain Livestock Marketing association, affiliated with the National Livestock Marketing association.

Mountain Vegetable Growers Co-operative association, Blanca.

Mountain States Beet Growers Marketing association, Greeley.

Pueblo Vegetable Growers Co-operative association.

United Fruit Growers association, Palisade.

Western Colorado Honey Exchange, Grand Junction.

Western Slope Dairy Products Co-operative association, Grand Junction.

Western Colorado Beet Growers.

Pinto Bean Growers association, Trinidad; a regional organization composed of the Colorado Bean Growers association, the New Mexico Bean Pool and the Intermountain Bean Growers association, marketing its Triad brand beans over the entire country.

The Colorado Turkey Producers, Grand Junction; the Intermountain Poultry Producers Co-operative association, Grand Junction, and the Montrose and Delta Co-operative Poultry Producers association, affiliating together in a new regional organization.

The Arkansas Valley Poultry Producers association.

The Arkansas Valley Beet Producers association, La Junta.

The South Park Hay Growers association, Fairplay.

RADIO DEVELOPMENT

There were 268,531 families in Colorado in 1930, according to the preliminary figures of the United States bureau of census, and of these 101,376, or 37.8 per cent, had radio sets. These figures, which are subject to revision, on the basis of estimates of the number of listeners, indicate a possible state audience for a broadcasting program of 495,366 persons if all radios were tuned in at the same time and all members of the family were listening. The distribution of radio sets varies considerably in different areas of the state and follows no set rule. Jefferson county ranked first with 54.1 per cent of all families having radios, while Jackson county, which is remote from the larger cities, ranked second with 52.2 per cent. One out of every two families in Denver, or 50.7 per cent of the total, reported sets in 1930. Conejos county was the lowest in the state, with only 4.5 per cent.

The state had 13 radio broadcasting stations operating on March 1, 1931, under licenses issued by the federal radio commission, a decrease of one as compared with the number on March 1, 1930, station KFHA, operated by the Western State Teachers college at Gunnison, having been discontinued. The federal commission reports 617 broadcasting stations in the United States and 750 outside of this country.

Colorado has the distinction of being the first state west of the Mississippi river and one of the first in the country in which were established stations conducting daily broadcasts on regular schedules as broadcasting is now known. The Westinghouse Elec-

tric & Manufacturing company's station KDKA, in Pittsburgh, is generally credited with being the first station in the country to begin the commercial transmission of programs. This service, under a broadcasting license issued by the department of commerce, was inaugurated on November 2, 1920, and consisted of the announcement of election returns and the election of President Harding. Prior to this date, however, in 1919, Dr. W. D. Reynolds, who then resided in Colorado Springs, was operating under a special amateur's license, No. 9 ZAF, this being the only license of the kind granted to Colorado parties at the time. In 1920 Dr. Reynolds moved to Denver and began broadcasting market reports, daily weather reports, etc., and each Sunday broadcasted sermons by a Denver pastor. The first commercial license issued to KLZ, as the station has since been known, was dated March 10, 1922.

The first law, covering in a general way the regulation of wave lengths used and interference produced by the radio stations, was enacted by congress in 1912 and empowered the secretary of commerce to issue licenses. This act failed to solve the problems arising and congress enacted what is known as the "Radio Act of 1927," which called for the establishment of the federal radio commission. The commission was given broad powers over all classes of radio transmission and was authorized to specify the frequency, power, location and other conditions of the operation of stations. The act was amended in 1928, authorizing the commission to apportion broadcasting assignments equally to the five zones into which the country was divided in proportion to population. The commission put into effect on November 11, 1928, a reallocation of broadcasting stations of the country. Colorado is in the fifth of the five zones, the other states included in the zone being Montana, Wyoming, New Mexico, Idaho, Utah, Arizona, Nevada, Washington, Oregon and California.

There were 325 radio dealers in Colorado in 1930, as reported by the department of commerce, and their annual volume of business is approximately \$2,000,000.

A table published herewith lists the licensed broadcasting stations in the state, their call signals, frequency and power.

The following table, which is taken from the United States census report for 1930, being preliminary figures and subject to change, gives the number of families by counties having radio sets, and the per cent of the total number of families in the county:

	Families Having Radio Sets	Per Cent of County Total
Adams	1,936	41.7
Alamosa	472	22.4
Arapahoe	2,915	48.3
Archuleta	91	11.7
Baca	495	20.1
Bent	533	25.7
Boulder	3,827	42.4
Chaffee	616	29.9
Cheyenne	278	29.9
Clear Creek	307	41.0
Conejos	288	14.0
Costilla	57	4.5
Crowley	377	26.3
Custer	181	29.0
Delta	820	22.7
Denver	40,526	50.7
Dolores	50	12.8
Douglas	443	45.8
Eagle	306	29.8
Elbert	636	37.9
El Paso	5,934	41.8
Freimont	1,431	30.0
Garfield	752	28.7
Gilpin	128	30.7
Grand	211	33.8
Gunnison	352	23.1
Hinsdale	48	31.8
Huerfano	663	16.7
Jackson	206	52.2
Jefferson	3,163	54.1
Kiowa	234	24.7
Kit Carson	788	34.2
Lake	336	23.8
La Plata	647	19.9
Larimer	3,473	40.2
Las Animas	1,585	18.5
Lincoln	778	39.6
Logan	1,525	33.8

	Families Having Radio Sets	Per Cent of County Total
Mesa	1,822	27.5
Mineral	61	28.0
Moffat	361	25.8
Montezuma	297	15.6
Montrose	612	21.5
Morgan	1,435	33.6
Otero	1,661	27.5
Ouray	126	22.0
Park	245	38.5
Phillips	691	47.5
Pitkin	164	30.3
Prowers	910	25.8
Pueblo	4,885	30.4
Rio Blanco	185	23.9
Rio Grande	638	26.7
Routt	809	31.9
Saguache	394	25.5
San Juan	122	27.2
San Miguel	111	17.8
Sedgwick	477	36.5
Summit	122	36.9
Teller	370	27.1
Washington	801	35.1
Weld	5,586	36.0
Yuma	1,083	32.3
Total, state	101,376	37.8

The following table shows the number of families in cities of 10,000 or more population having radio sets in 1930 and the per cent of the total. The figures are preliminary and subject to correction.

Cities	Families Having Radio Sets	Per Cent of Total
Boulder	1,589	46.2
Colorado Springs	4,257	42.4
Denver	40,526	50.7
Fort Collins	1,426	45.0
Grand Junction	903	30.5
Greeley	1,595	46.3
Pueblo	3,975	32.2
Trinidad	906	29.3

LICENSED BROADCASTING STATIONS IN COLORADO MARCH 1, 1931

Location	Call Signal	Owner	Frequency in Kilocycles, (Meters in Parentheses)	Power (Watts)
Bellevue College (Denver)	KPOF	Pillar of Fire, Inc.	880 (341)	500
Colorado Springs.	KFUM	Reynolds Radio Co.	1,270 (236.2)	1,000
Denver	KFEL	Eugene P. O'Fallon, Inc.	920 (326)	*500
Denver	KFUP	Fitzsimons General Hospital.	1,310 (229)	100
Denver	KFXF	Colorado Radio Corporation..	920 (326)	*500
Denver	KOA	National Broadcasting Co.	830 (361)	12,500
Dupont (Near Denver)	KLZ	Reynolds Radio Co.	560 (536)	1,000
Fort Morgan	KGEW	City of Fort Morgan	1,200 (250)	100
Grand Junction...	KFXJ	Western Slope Broadcasting Co.	1,310 (229)	50
Greeley	KFKA	Midwestern Radio Corporation	880 (341)	†1,000
Pueblo	KGHF	Curtis P. Ritchie, et al.	1,320 (227.3)	‡250
Trinidad	KGIW	Leonard E. Wilson	1,420 (211.3)	100
Yuma	KGEK	Beeler Electrical Equip. Co. ...	1,200 (250)	50

*Also 500 night experimentally. †1,000 for day, 500 for night. ‡250 for night, 500 for day.

AIRPORTS, AIRCRAFT, PILOTS AND ROUTES

There were 32 airports and landing fields in Colorado on January 1, 1931, as reported by the aeronautics branch of the United States department of commerce. This was an increase of five as compared with April 1, 1930. These include five auxiliary fields which are not used regularly for aircraft operations, five department of commerce intermediate landing fields, 16 municipal airports, five commercial fields and one army field. Their location and classification are as follows:

Akron, American Legion airport, auxiliary.

*Castle Rock, intermediate.

Center, Center Legion airport, municipal.

Cheyenne Wells, Cheyenne Wells landing field, auxiliary.

Colorado Springs, Alexander airport, commercial.

†Colorado Springs, Colorado Springs airport, municipal.

Craig, Craig airport, municipal.

Creede, Creede field, auxiliary.

Delta, Delta airport, municipal.

Denver, Colorado Airways field, commercial.

Denver, Curtiss field, commercial.

†Denver, Denver airport, municipal. (Rating A1A.)

†Denver, Lowry field, National Guard, army.

*Dover, intermediate.

Durango, Durango airport, municipal.

Florence, Florence Flying field, commercial.

Fort Collins, Fort Collins airport, municipal.

*Fort Lupton, intermediate.

Grand Junction, Grand Junction airport, municipal.

†Greeley, Greeley airport, municipal.

Holly, Holly airport, municipal.

Holyoke, Holyoke airport, municipal.

La Junta, American Legion airport, auxiliary.

Las Animas, Las Animas airport, municipal.

Longmont, Longmont airport, auxiliary.

Monte Vista, Monte Vista airport, municipal.

Montrose, Montrose airport, municipal.

*Monument, intermediate.

Otis, Otis airport, municipal.

†Pueblo, Pueblo airport, municipal.

Salida, American Legion airport, commercial.

*Wigwam, intermediate.

*Department of commerce intermediate landing field, marked and lighted by the department.

†Airports equipped with partial or complete lighting equipment.

A survey made in 1930 by the aeronautics branch of the department of commerce covered 20 airports, of which 15 were municipal and five were commercial and private airports. As the purpose was to determine the status of airports available to civil

aeronautics for regular flying operations, military and miscellaneous government airports and auxiliary and intermediate landing fields were not included. This survey showed that the average investment per airport for municipal airports was \$35,000, or a total of \$525,000, and the average for commercial and private airports was \$53,400, or a total of \$367,000, a grand total of \$892,000 for both municipal and commercial and private.

Locations of proposed airports are as follows: Buena Vista, Cortez, Fort Morgan, Gunnison, Lamar, Montrose, Parlin, Saguache, Sterling, Trinidad and Yampa.

The status of aircraft, gliders, pilots, glider pilots and mechanics, as of dates given, as reported by the air commerce bulletin, is as follows:

	Jan. 1, 1931	Mar. 30, 1930
Aircraft:		
Licensed	50	52
Unlicensed	24	39
Total	74	91
Gliders	97	..
Pilots:		
Transport	56	52
Limited commercial.....	32	12
Private	59	47
Total	147	111
Mechanics	76	72

The Denver municipal airport is one of four in the United States which has received a high rating of A-1-A by the department of commerce, being the second so designated. The other three are the Rickenbacker airport at Sioux City, Iowa, and the municipal airports at Pontiac, Michigan, and Brownsville, Texas.

United States air transport routes in Colorado include the following:

Pueblo to Cheyenne, Wyoming, inaugurated May 31, 1926, carries mail, passengers and express. It operates a daily service over a 200-airway-miles route with a daily plane-miles schedule of 400.

Kansas City to Denver, inaugurated July 29, 1929, carries passengers. It operates on a daily schedule over a 577-airway-miles route and has a daily plane-mile schedule of 1,154.

El Paso to Denver, inaugurated September, 1929, carries passengers. It operates on a daily schedule over a 527-airway-miles route and has a daily plane-mile schedule of 1,200.

Amarillo to Denver, inaugurated April 10, 1930, carries passengers. It operates on a daily schedule over a 261-airway-miles route and has a daily plane-mile schedule of 728.

Denver to Casper, inaugurated March 16, 1931, carries passengers. It operates daily over a 275-airway-miles route.

All the routes named make connections at terminals with other routes.

INDUSTRIAL ACCIDENTS IN COLORADO

Colorado has efficient industrial laws providing for the payment of compensation to workmen for disability due to accidents or to dependents in the event of death. The law is administered by the state industrial commission, to which reports of accidents in all industrial lines except farm and ranch labor, domestic service and railway employment are made. The amount of compensation is fixed by law, but the commission conducts hearings and decides controversies arising out of the liability of the employer and the application of the compensation.

The members of the industrial commission, three in number, are appointed by the governor for terms of six years, one appointment expiring every two years. The appointments must be confirmed by the senate. One member represents the employers, another the employees and the third the public. The plan is considered to have been effective in forestalling labor troubles in many instances, although the power of the commission to prevent strikes is limited.

The commission began to function on August 1, 1915, and from that date to November 30, 1930, a total of 255,760 accidents was reported, of which the largest number, 25,846, was reported in 1929, and the smallest, 11,358, was reported in 1919. Arising out of

these accidents there were 68,701 claims, or 26.86 per cent, filed between August 15, 1915, and November 30, 1930. Of these 66,484 of the injured were males and 2,217 were females. Fatal claims (deaths) aggregated 2,662. Of these 991, or 37.2 per cent, were in the coal industries; 496, or 18.6 per cent, in the metal industries; and 1,175, or 44.1 per cent, in miscellaneous industries. Of the 66,039 non-fatal claims filed, 14,665, or 22.2 per cent, were from accidents in the coal industry; 7,878, or 11.9 per cent, in the metal industries; and 43,396, or 65.9 per cent, were in miscellaneous industries. The average weekly wage for the entire period was \$24.14. This average is obtained under the law by taking the amount of the compensation received by the claimant in the year preceding the accident and dividing it by 52 weeks. The average weekly rate of compensation for the entire period was \$9.94.

An accompanying table shows the number of accidents, number of claims, average weekly wage and average weekly compensation by years.

Employers of labor are required under the law to carry insurance for the protection of employees coming under the compensation act. The state has its own compensation insurance fund for the protection of its employees and those of counties and school districts. Other employers may come under this fund, provide their own insurance, or take out insurance with private agencies. In 1915 to 1929, inclusive, premiums paid by the employers to the various agencies aggregated \$23,680,717, and losses paid aggregated \$10,677,809. An accompanying table shows premium income and losses paid in Colorado by years.

ACCIDENTS AND CLAIMS, WORKMEN'S COMPENSATION

	1924	1925	1926	1927	1928	1929	1930
Number of accidents-----	17,513	18,143	19,797	19,571	19,773	25,846	22,973
Number of all claims-----	5,660	5,807	5,584	5,751	5,312	5,467	5,150
Death claims-----	140	152	155	180	147	177	151
Non-fatal -----	5,520	5,655	5,429	5,571	5,165	5,290	4,999
Average weekly wage-----	\$25.32	\$25.02	\$23.63	\$25.49	\$24.93	\$25.12	\$26.10
Average weekly compensation----	\$10.83	\$10.74	\$10.63	\$10.77	\$10.79	\$11.08	\$11.56

WORKMEN'S COMPENSATION INSURANCE PREMIUMS AND LOSSES
(Reports of Industrial Commission)

Year	Stock Companies	Mutual Companies	State Fund	Yearly Totals
Net Premium Income:				
*1915.....	\$ 32,602.56	\$ 163,526.58	\$ 46,710.00	\$ 242,839.14
1916.....	475,402.36	254,351.63	134,371.41	864,125.40
1917.....	664,049.89	303,466.36	192,328.45	1,159,844.70
1918.....	854,239.28	382,528.75	370,593.75	1,607,361.78
1919.....	818,782.86	313,432.55	267,612.12	1,399,827.53
1920.....	906,639.75	502,262.10	460,116.11	1,869,017.96
1921.....	931,622.93	416,087.25	364,009.52	1,711,719.70
1922.....	590,611.51	330,407.73	339,537.41	1,260,556.65
1923.....	665,509.93	402,663.69	404,562.16	1,472,735.78
1924.....	806,751.61	398,077.73	412,733.56	1,617,562.90
1925.....	1,033,794.56	351,428.79	554,868.86	1,940,092.21
1926.....	1,031,537.78	348,613.55	605,630.54	1,985,781.87
1927.....	1,001,375.17	357,852.64	880,400.39	2,239,628.20
1928.....	965,159.08	420,823.09	676,327.54	2,062,309.71
1929.....	1,092,230.06	434,515.26	720,568.78	2,247,314.10
Total.....	\$11,870,309.33	\$5,380,037.70	\$6,430,370.60	\$23,680,717.63
Net Losses Paid:				
*1915.....	\$ 1,738.02	\$ 2,657.46	\$ 2,563.65	\$ 6,939.13
1916.....	128,719.80	23,188.98	28,535.76	180,444.54
1917.....	191,556.57	58,546.16	42,497.24	292,599.97
1918.....	243,915.88	74,008.02	51,391.68	369,315.58
1919.....	294,156.65	98,135.51	86,546.79	478,838.95
1920.....	356,059.22	111,893.71	128,333.71	596,286.64
1921.....	389,800.87	130,440.08	168,340.20	688,581.15
1922.....	385,124.75	141,611.72	178,710.00	705,446.47
1923.....	499,806.15	134,095.21	201,169.98	835,071.34
1924.....	528,407.02	134,713.11	246,969.03	910,089.16
1925.....	567,364.78	139,083.34	279,972.80	986,420.92
1926.....	596,449.24	139,019.76	310,296.34	1,045,765.34
1927.....	596,618.80	149,883.31	372,349.08	1,118,851.19
1928.....	610,412.52	156,431.50	413,826.79	1,180,670.81
1929.....	618,767.28	180,333.88	484,386.67	1,282,487.83
Total.....	\$6,008,897.55	\$1,674,021.75	\$2,995,889.72	\$10,677,809.02

*August 1, 1915, to December 31, 1915.

MUSEUMS AND ZOOLOGICAL EXHIBITS

Colorado has a number of museums housing works of art, relics of ancient races, historical documents, specimens of prehistoric beasts and reptiles and present fauna and flora. The exhibits in some of these museums are among the finest in the country and afford excellent opportunities for study by scientists, archaeologists, geologists and ethnologists, as well as being of interest to the general public. The collections are being continually augmented by specimens gathered by expeditions sent out not only to explore ruins in Colorado and other states but to gather specimens in foreign countries.

One of the largest museums in the state is the Colorado Museum of Natural History, owned by the city of Denver and located in one of its parks.

The buildings were constructed at a cost of \$270,917, part of which was provided by the municipality and part

by private donations. The cost of exhibits, cases, library and furniture was \$471,533, but this figure by no means represents the value of the exhibits, many of which are rare and which would be difficult, if not impossible, to replace. The nucleus for the museum was a collection of Colorado mammals and birds made by Edwin Carter, who came to the state in 1870 for his health and lived at Breckenridge. Contracts for part of the building were made on November 8, 1901. The east extension was completed in June, 1903, the main building was finished in July, 1908, and the south, or James wing, was completed in 1929.

There were 222,525 visitors to the museum in 1930, 199,255 in 1929 and 246,698 in 1928. The record from 1912 to 1930, inclusive, shows an admission of 3,748,478 during that period.

The state museum is located just south of the capitol in Denver and is housed in a building constructed by the state of Colorado at a cost of

\$500,000. It is conducted by the State Historical and Natural History society and comprises two departments, the department of history and the department of archaeology and ethnology. The museum contains many relics of early life in Colorado, specimens from the ruins of cliffdwellers and other ancient races that once inhabited this territory, and many valuable documents and records of great historical value. Membership in the society is confined to citizens of Colorado. Additions to its ethnological exhibits are made at frequent intervals by expeditions sent out to explore ruins of the earlier inhabitants. Further information concerning this exploration work is given elsewhere in this volume under the heading, "Archaeological."

The Denver Art museum is located in Denver and, as its name indicates, is devoted to the furthering of the arts. It is supported in part by the city and in part by private subscriptions.

The Cody Memorial museum is located on Lookout mountain near Golden, in Denver's mountain park system, and contains relics of Col. W. F. ("Buffalo Bill") Cody, a noted scout, whose grave adjoins the site of the museum.

The Mesa Verde Park museum is located in the Mesa Verde national park, in Montezuma county, in the southwestern part of the state, and houses relics of the cliffdwellers, being entirely an archaeological collection gathered in the ruins in the park. It is owned by the government and conducted by the park officials. This collection was made possible by the contributions of friends of the park. The museum now contains the largest and most comprehensive exhibit of the archaeology of the park that is available for public inspection anywhere. A noteworthy addition to the museum was made in 1930. Through the co-operation of Charles L. Bernheimer, of New York City, Dr. Clark Wissler, of the American museum of natural history, and Earl H. Morris, of the Carnegie institute of Washington, the American museum of natural history made a permanent loan of the basket maker material collected during the field season of 1929 in southeastern Utah by the seventh Bernheimer expedition.

The Canon City museum, located in Canon City, is owned by the city and contains natural history exhibits.

There are also museums connected with the State Teachers college at Greeley, the University of Colorado at Boulder, Colorado college at Colorado Springs, and the State Agricultural college at Fort Collins. The University of Colorado museum has a very large collection of prehistoric pottery, etc., from southwestern United States; about 300,000 fossils representing all geological periods from Cambrian to Pleistocene; more than 300,000 mollusks, of thousands of species; 3,200 birds and mammals; thousands of fishes, reptiles, amphibians, starfishes, sea-urchins, sponges, brachiopods, insects, etc., a mineral collection, and an extensive herbarium.

The city and county of Denver owns and maintains in its City park the largest and most important zoo in the state, or in the Rocky Mountain region. It was established in 1896 when a cub bear named "Billy Bryan" was presented to the mayor. A den was built for the bear in the park and from this beginning there grew a zoological garden which at the end of 1930 contained 1,285 specimens of animals and birds. These included 40 species of mammals, one of reptiles and 148 of birds.

MOTION PICTURE THEATERS

There were 298 motion picture theaters in Colorado on January 1, 1931, of which 138 were wired for sound, according to the Film Daily Year Book. These theaters, which include all types, are located in 214 cities and towns and their seating capacity is 119,213, exclusive of a few small theaters in the little towns. Denver leads the list, with 44 theaters with a seating capacity of 39,994; Colorado Springs is second, with 10 theaters with a seating capacity of 6,329; and Pueblo is third, with eight theaters with a seating capacity of 5,787. Seven of the Denver theaters are silent houses (not wired for sound). Colorado Springs has two silent houses and Pueblo has none. Five theaters in Denver have an aggregate seating capacity of 10,895, an average of 2,447 per theater.

Denver is a distributing center for motion picture films and equipment over a large territory and 15 branches of national distributors and independent exchanges are located in the city. There is only one establishment engaged commercially in producing films in the state.

MARRIAGES AND DIVORCES IN COLORADO BY YEARS
(From the Bureau of Census Reports)

	Marriages		Divorces	
	United States	Colorado	United States	Colorado
Reported in 1916.....	1,040,684	9,071	112,036	1,061
Reported in 1922.....	1,134,151	11,456	148,815	2,075
Reported in 1923.....	1,229,784	12,077	165,096	2,278
Reported in 1924.....	1,184,574	11,972	170,952	2,118
Reported in 1925.....	1,188,334	11,602	175,449	2,243
Reported in 1926.....	1,202,574	11,957	180,853	2,288
Reported in 1927.....	1,201,053	11,969	192,037	2,370
Reported in 1928.....	1,182,497	12,065	195,939	2,362
Reported in 1929.....	1,232,559	13,047	201,468	2,392
Increase 1922 over 1916.....	52,789	2,287	34,980	1,005
Increase 1923 over 1922.....	95,633	621	16,281	203
Increase 1924 over 1923.....	-45,210	-105	5,856	-160
Increase 1925 over 1924.....	3,760	-370	4,497	125
Increase 1926 over 1925.....	14,240	355	5,404	45
Increase 1927 over 1926.....	-1,521	12	11,184	92
Increase 1928 over 1927.....	-18,556	96	3,902	-8
Increase 1929 over 1928.....	50,062	982	5,529	30
Per cent increase 1922 over 1916.....	5.1	25.2	31.2	94.7
Per cent increase 1923 over 1922.....	8.4	5.4	10.9	12.2
Per cent increase 1924 over 1923.....	-3.7	-0.9	3.6	-7.0
Per cent increase 1925 over 1924.....	0.3	-3.1	2.6	5.9
Per cent increase 1926 over 1925.....	1.2	3.1	3.1	2.0
Per cent increase 1927 over 1926.....	-0.1	0.1	6.2	3.6
Per cent increase 1928 over 1927.....	-1.5	0.8	2.0	-0.3
Per cent increase 1929 over 1928.....	4.2	8.1	2.8	1.3
Number per 1,000 population, 1916...	10.68	....	1.13	1.22
Number per 1,000 population, 1922...	10.32	11.65	1.35	2.11
Number per 1,000 population, 1923...	11.03	12.06	1.48	2.28
Number per 1,000 population, 1924...	10.46	11.70	1.51	2.07
Number per 1,000 population, 1925...	10.35	11.70	1.53	2.26
Number per 1,000 population, 1926...	10.32	11.95	1.55	2.29
Number per 1,000 population, 1927...	10.16	11.85	1.62	2.35
Number per 1,000 population, 1928...	9.87	11.84	1.63	2.32
Number per 1,000 population, 1929...	10.14	12.68	1.66	2.33

Minus sign denotes decrease.

Note—Rates of marriages and divorces for recent years have been revised to conform to the 1930 census.

COLORADO'S TOTAL WEALTH

The bureau of the census of the department of commerce estimated the total wealth of Colorado in 1922 at \$3,229,412,000. This estimate is \$374,237,000 higher than given elsewhere in this volume under the title "Taxable and Non-taxable Property" for the year 1930. The difference arises principally in the method of making the estimates, the census bureau seeking to give the material, or tangible value of all property adjusted to the basis of actual value, while the estimate of the immigration department of the state is based on the values as assessed for taxation purposes. Also, the census bureau allowed only \$369,628,000 for the value of non-taxable property, compared with an estimate of \$1,268,712,578 made by this department. A study of the estimates given under "Taxable and Non-taxable Property" will indicate that the federal government's estimate is very much

too low on the value of property in the state exempt from taxation.

The estimates made by the census bureau on the total wealth of Colorado in 1922 are as follows:

Realty	\$1,758,446,000
Livestock	100,664,000
Manufacturers' machinery, tools and implements...	86,808,000
Railroads and equipment..	364,963,000
Motor vehicles	59,893,000
Farm implements and machinery	35,059,000
Street railways, water works, etc.....	143,485,000
Agricultural products.....	51,829,000
Manufactured products....	125,060,000
Imported merchandise.....	6,207,000
Mining products.....	11,885,000
Clothing, jewelry, furniture, etc.....	485,113,000
Total.....	\$3,229,412,000

The above item of \$1,758,446,000 value for realty in 1922 includes \$1,388,819,000 for taxed property and \$369,628,000 for property exempt from taxation. The \$3,229,412,000 value for all property in 1922 compares with an

estimate of \$2,315,310,000 in 1912 by the same authority.

The per capita value of all property in the years named as made by the census bureau was as follows:

1922	\$3,285
1912	2,702
1904	2,046
1900	1,738

Colorado ranked 29th among the states of the Union in 1922, according to the census bureau's figures, and the state had a fraction more than one per cent of the country's total wealth. The National Industrial Conference Board, Inc., which is affiliated with numerous industrial organizations of the country, estimated the total wealth of Colorado in 1928 at \$3,505,000,000, or \$3,216 per capita. Its estimate is based on the computed growth of physical assets from 1912 to 1922, together with the assumption that in the periods before and after 1922, the growth was uniformly at the same rate.

RADIUM

A relatively small area of land in southwestern Colorado and extending into southeastern Utah has furnished almost half of the world's supply of radium, a brilliant white metal that melts sharply at about 700 degrees centigrade, but which is produced in such minute quantities that it is handled in the form of a compound and packed in small glass tubes encased in lead as protection to those who must handle it. World production of radium element from 1898 to 1928, inclusive, is given by the United States bureau of mines at 575 grams, of which 250 grams was produced in this country, mostly from ores mined in the Paradox valley in southwestern Colorado.

Radium is one of the most precious articles of commerce, costing many times as much as ordinary fine-quality gems. During the world war the price of the product reached \$125,000 and occasionally \$135,000 or more a gram. The price at present is \$70,000 a gram except for large orders for charitable institutions. Emeralds and rubies rarely exceed a value of \$1,000 a carat, or \$5,000 a gram. One gram of radium is 14 times more valuable than a gram of these gems. A gram of gold is worth only 66 cents. For about 10 years, 1913 to 1922, the Colorado deposits practically dominated the world situation, but since 1923 very lit-

tle radium has been isolated in this country. This was due to economic conditions and not to any exhaustion of supply. In 1923 a Belgium company, a subsidiary of a government-controlled concern, cut the price of radium from \$100,000 and more to \$70,000 a gram, approximately the cost of producing it from carnotite ores in this country.

Ores from Colorado, including pitchblende from Gilpin county and carnotite from Montrose county, were used in perfecting the discovery of radium. The way to the discovery was opened in 1895 by Roentgen, who found that a glow from a Crooke's tube contained penetrating rays which he called X-rays. It was then found that uranium salts produced photographic impressions even when enveloped with opaque substances. To Marie Sklodovska, a young Polish student, who later became Madame Curie, was delegated the task of learning how and why uranium possessed powers to emit these peculiar rays. Out of these investigations resulted in the discovery of radium and a world search for radioactive substances began. As early as 1881 the yellow ore which became known as carnotite was mined in western Colorado for small quantities of gold found in pockets. In 1896, after being informed by the Smithsonian institution that specimens they had sent in contained uranium, Kimball and Logan mined 10 tons of the ore and sold it in Denver for \$2,700. In 1899 Poule and Voillegue sent specimens to France and there the new ore was named carnotite in honor of M. Carnot, then president of the Republic.

"Radioactivity" is a term generally applied to a class of substances, such as uranium, thorium, radium and their compounds, that possess the property of spontaneously emitting radiations capable of passing through plates of metals and other substances opaque to ordinary light. This is a result of the explosion of atoms. In a single gram of uranium, 5,000 atoms break down each second. Nevertheless, it is estimated that in spite of the large number of atoms that break down each second, it would take five billion years for even one-half of a given piece of uranium to dissipate itself spontaneously. The half-life of radium is placed at 1,520 to 2,500 years. The principal use of radium is for the treatment of cancer. It is also employed for the manufacture of luminous paints used

on watch and clock dials, electric switch buttons, keyholes and like products. It was extensively used during the world war to eliminate lights that might betray to the enemy the presence of troops.

ARCHAEOLOGICAL

Certain areas of Colorado, principally the southwestern part of the state, are known to contain many ruins of ancient races, rich in relics showing the customs and manners of people who lived from one to three thousand years ago. The most important and best known of these areas is the Mesa Verde national park in Montezuma county, where many hundreds of ruins of cliff dwellings, temples and other structures have been uncovered and many others are known to exist. It is estimated that the Mesa Verde area once had a population of at least 70,000 people.

The Colorado state historical society, of which George Woodbury is curator, did considerable exploration work in 1928 under a permit from the government on an area in Montezuma county, 32 miles northwest of Cortez, for the purpose of obtaining specimens for the state museum. In this area have been found ruins of a city of a very early type, one of the distinguishing features of which is the remains of many secret underground passages connecting numerous towers and ceremonial chambers. This city, unlike the cliff dwellings, is on an open mesa. Excavations made in 1925 by the society on Chimney Rock mesa, 22 miles west of Pagosa Springs, revealed some valuable discoveries. The area is one by one and one-fourth miles in size. Numerous ruins were discovered, including one chamber 209.7 feet long and more than 80 feet wide. They were inhabited in the period of the post-basket makers culture, dating back approximately 3,000 years. Among the discoveries were two human skulls, one of the roundhead and the other the longhead type. The society has a permit to make explorations in a new area in western Colorado in 1931.

The University of Colorado was engaged in 1925 in excavating and removing specimens from ruins in the region south of the Mesa Verde national park for its museum, under a government permit. A permit was granted the same university in 1929 to conduct a reconnaissance in parts of La Plata county during that year.

There are several operations of like nature on patented land owned by private parties, where specimens are being obtained for museums. Congress passed a law in 1906 for the preservation of American antiquities, which provides that permits must be obtained before excavations can be made on government land. The government also retained title to all ruins on government land which has gone to patent since that date. Specimens can be obtained only for reputable museums, universities, colleges and scientific societies under these permits.

Additional information concerning the Mesa Verde and other ruins may be found in the chapters on "National Parks and Monuments" and "Museums in Colorado" in this volume.

ROYAL GORGE BRIDGE

The highest suspension bridge in the world spans the canon of the Arkansas river, known as the Royal Gorge, six miles west of Canon City in Fremont county. Construction work started on June 4, 1929, and the structure was dedicated on December 8, 1929. The floor of the bridge is 1,053 feet above the bed of the river. The bridge across the Grand Canon of the Colorado river at Lee's Ferry, Arizona, is 467 feet high and the bridge at Twin Falls, Idaho, across the Snake river, is 500 feet high. There is a bridge in southern France 435 feet high.

The main span of the Royal Gorge bridge is 880 feet long and the total length, exclusive of approaches, is 1,260 feet. The roadway, which provides for two-way motor vehicle and pedestrian traffic, is 18 feet wide and is protected with guard rails four and one-half feet high. The two cables upon which the bridge is suspended rest upon twin towers at both ends, 150 feet high. The cables, which were fabricated in place, contain 2,100 strands of wire of 120,000 pounds per square inch tensile strength each, comprising an aggregate of 1,300 miles of wire. The cables are anchored at each end in solid granite. Trenches four feet square and 100 feet long were cut in the stone. At the bottom of each trench 100 two-inch pipes were set three feet into the rock and fastened by a sulphur process. Twenty-one wires of the cable were placed in each pipe and forced tight with rods. Concrete was then poured into the trenches until they were level with the surrounding stone. The floor rests on

15-inch steel "I" beams, on nine lines of eight-inch steel "I" beams used for joists. The bridge floor is cambered and is six feet higher in the center than at the ends.

The bridge was built as a private enterprise. A state highway runs to the north end of the bridge. The Denver & Rio Grande Western railroad runs through the gorge just above the level of the river. The canon itself is a noted tourist attraction. The railroad crosses the river in the canon on a "hanging" bridge. The canon was discovered by Zebulon Pike in 1806, and was the scene of a notable struggle between two railroad companies in the late 70s for its possession.

EARTHQUAKES

One of the two seismic stations in the Jesuit Seismological association for the observance of earthquakes and gathering data for seismic research is located at Regis college in Denver. It was established in 1909, and since then the instrument has never ceased recording the vibrations of the earth. A. W. Forstall, S. J., a member of the Seismological Society of America, which has its seat at Leland Stanford university, is director of the Regis college station. The instrument belongs to the class of medium period for general observations and was invented by the well-known seismologist Dr. Wiechert, of Göttingen, Germany, and was constructed by the firm of Spindler and Hoyer, of the same town.

The seismograph and the clocks by which it is regulated are located in a room on the ground floor of the administration building, which is remarkably free from changes in temperature, a condition very important for the maintenance of a perfect adjustment. It is mounted on a masonry pier that rests upon the solid earth to eliminate all disturbances originating in the building, for the slightest vibration of the floor would be recorded by the pens. It is protected from drafts by a large glass case and means have been provided for making certain adjustments without opening this case. The earthquake vibrations are registered by two delicate pens writing on smoked paper. The minutes of time as well as the hours are automatically marked off on the blank by electric connections with the clocks. The United States weather bureau and the United States coast and geodetic survey co-operate with the association

through the publication of its reports. The stations of the association also exchange telegrams immediately after large quakes have been registered in order to locate their epicenters as early as possible for the benefit of the other stations, the people and the press. This is done through the aid of "Science Service," at Washington.

The three-fold program of the association for the past 20 years has been: To collect data of seismic value by securing daily blanks; each station to analyze and interpret its observations and publish them, as well as to keep them at the disposal of all the stations of the world; and by means of these data collected from its own and other observatories, to endeavor to solve the intricate problems relating to the nature of seismic waves, their speed, their reflection, their refraction, and by means of this knowledge to arrive at a true concept of the interior conditions of the earth and its geology.

COLORADO HOSPITALS

Colorado is well supplied with hospitals and sanitariums which rank among the best in the country in equipment and quality of service rendered the public. The American College of Surgeons, an international organization covering North and South America, conducts an annual survey of hospitals in Colorado in its standardization movement. This movement provides for the establishment of minimum requirements for the proper conduct of hospitals as to the competency and character of physicians and surgeons upon hospital staffs, adequate equipment, maintenance of proper records, prohibition of fee-splitting, etc., before a hospital is given full approval. The survey for 1930 lists 33 hospitals in the state, of which 30 are fully approved and three are conditionally approved. The conditionally approved are those which have accepted the minimum standards required but which for lack of ample time or other acceptable reasons have not completed the adoption of these requirements in detail.

The 33 hospitals approved in 1930 had a capacity of 7,025, including cribs and bassinets for the new born. This compares with 6,781 beds in 1929 and 6,624 beds in 1928. The organization's staff reported upon 40 hospitals in the state in 1929, of which 32 were approved as of October 1, 1929. Eighty per cent of the hospitals reported

upon were approved, which compares with 68.6 per cent for the United States, including the Canal Zone, Hawaii and Porto Rico. Eleven states only showed a larger per cent of approved hospitals than Colorado. The largest hospital in the country operated by the United States army, navy or public health service is located near Denver and is known as the Fitzsimons general hospital.

In addition to these hospitals, there are a number of private sanitariums and smaller hospitals in the various cities and towns in the state, where satisfactory accommodations may be secured.

An accompanying table gives the location, names, capacity and management of hospitals in the state approved by the college of surgeons.

HOSPITALS APPROVED BY THE AMERICAN COLLEGE OF SURGEONS, 1930

Location	Name	Capacity	Governed by
Boulder-----	Boulder-Colorado sanitarium-----	120	Seventh Day Adventists.
Boulder-----	Community-----	60	Board of Directors.
Colorado Springs--	Beth-El General-----	100	Methodist Episcopal Church.
Colorado Springs--	Glockner Sanatorium and hospital-----	225	Sisters of Charity.
Colorado Springs--	National Methodist Episcopal Sanatorium for Tuberculosis-----	70	Methodist Episcopal Church.
Colorado Springs--	St. Francis hospital-----	125	Sisters of St. Francis.
Denver-----	Agnes Memorial sanatorium-----	158	Board of Trustees.
Denver-----	Beth Israel-----	67	Board of Directors.
Denver-----	Children's-----	175	Board of Directors.
Denver-----	*Colorado General-----	238	University—Board of Regents.
Denver-----	Denver General-----	515	City and county—health department.
Denver-----	Fitzsimons General-----	1,843	U. S. Army.
Denver-----	Mercy-----	190	Sisters of Mercy.
Denver-----	National Jewish-----	350	Board of Managers.
Denver-----	Presbyterian-----	175	Presbyterian Church.
Denver-----	St. Anthony's-----	200	Sisters of St. Francis.
Denver-----	St. Joseph's-----	249	Sisters of Charity.
Denver-----	St. Luke's-----	239	Board of Managers.
Denver-----	Sanatorium of the Jewish Consumptives' Relief Society-----	300	Jewish Relief Society.
Durango-----	Mercy-----	42	Sisters of Mercy
Fort Lyon-----	United States Veterans-----	500	Government—Veterans' Bureau.
Grand Junction--	St. Mary's-----	74	Sisters of Charity.
Greeley-----	Greeley hospital-----	130	County Commissioners.
La Junta-----	Atchison, Topeka & Santa Fe Railroad-----	36	Railway Hospital Association.
La Junta-----	Mennonite Hospital and Sanitarium-----	80	Board of Missions and Charities.
Longmont-----	Longmont-----	40	Board of Trustees.
Pueblo-----	Corwin-----	234	Industrial corporation.
Pueblo-----	Parkview-----	80	Board of Directors.
Pueblo-----	St. Mary's-----	162	Sisters of Charity.
Salida-----	Denver & Rio Grande Western Railroad-----	85	Railway Employees' Association.
Salida-----	Red Cross-----	42	Private—Board of Directors.
Sterling-----	St. Benedict-----	36	Sisters of St. Benedict.
Trinidad-----	Mt. San Rafael-----	80	Sisters of Charity.

*Includes Colorado General and Colorado Psychopathic hospitals of the University of Colorado.

CHURCH POPULATION

The six largest religious bodies or denominations in Colorado reported a total membership or number of communicants in the state at the beginning of 1930 of 236,760. This compares with 234,184 for the same group in 1929 and 211,096 in 1925, an increase of 2,576, or 1.1 per cent, over the preceding year and 25,664, or 12.1 per cent, over 1925. The Roman Catholic church, the largest body in the country and in the world, also leads in Colorado, with the Methodist church taking second place, Presby-

terian third, Baptist fourth, Congregational fifth and Episcopal sixth.

These figures are not those of sectarian population, but, so far as they can be obtained, of communicants. The Roman Catholic church reports officially only "population," which includes practically all baptized persons; but in these figures it is represented by estimated communicants, which constitute approximately 85 per cent of its population. The official Catholic population for Colorado in 1930 was 112,954, in 1929 was 132,171 and in 1925 was 114,729. In estimating the number of communicants, the ac-

companying table is made up on the basis adopted by the Christian Herald in compiling its church census of the country. This gives the number of Catholic communicants in Colorado as 112,954 in 1930; 112,345 in 1929, and 97,510 in 1925. The same is true of the Episcopal church, the number of baptized persons in 1930 being 12,800, while the number used in the following table is 9,565, representing communicants only.

The figures on the six largest bodies are as follows:

	1925	1929	1930
Catholic	97,510	112,345	112,954
Methodist	44,408	45,581	*45,219
Presbyterian	25,539	27,648	28,976
Baptist (white) ..	22,203	26,100	26,308
Congregational ..	12,957	13,000	13,738
Episcopal	8,479	9,510	9,565
	211,096	234,184	236,760

*As of September 1, 1929.

There were in Colorado in 1926 77 religious bodies, or congregations, with 1,688 organizations or churches reporting 352,863 members, which compares with 69 religious bodies with 1,455 organizations and 257,977 members in 1916, as reported by the department of commerce. An accompanying table gives a summary of items as reported by the census bureau for the two years, the 1926 figures being preliminary and subject to correction.

The value of church edifices repre-

sents the value of the buildings together with the land on which they stand and all furniture, organs, bells and furnishings owned by the churches and actually used in connection with church services.

Under expenditures are included running expenses, improvements, the pastor's salary, payments on debt and money actually paid for new buildings. It also includes the amount expended for benevolences, home and foreign missions, for denominational support, and all other purposes.

The data shown for Sunday schools represent Sunday schools conducted by the churches of the different denominations and do not include undenominational or union Sunday schools. These data relate entirely to what is known as the Sunday school and do not cover parochial schools, week-day religious schools, or other schools which supplement or sometimes take the place of the Sunday school.

The report for 1916 included statistics for 69 denominations, 13 of which are not shown at this census. Some have joined other denominations and their statistics are included with them, others are out of existence, etc. There are 21 denominations shown at this census not reported in 1916. All of them are not new, however, as a number were created by divisions in denominations which were shown as units in 1916.

SUMMARY OF CHURCH STATISTICS FOR COLORADO

Item	1926	1916
Churches (local organizations).....	1,688	1,455
Members	352,863	257,977
Male	140,868	97,650
Female	179,263	126,943
Sex not reported.....	32,732	33,384
Church edifices:		
Number	1,383	1,162
Value:		
Churches reporting	1,326	1,144
Amount reported.....	\$22,713,155	\$10,010,432
Debt:		
Churches reporting.....	448	386
Amount reported.....	\$3,248,309	\$1,166,917
Parsonages:		
Value:		
Churches reporting	706	510
Amount reported.....	\$2,957,404	\$1,289,528
Expenditures during year:		
Churches reporting	1,563	1,281
Amount reported.....	\$5,837,497	\$2,427,365
Sunday schools:		
Churches reporting	1,295	1,216
Officers and teachers.....	17,325	14,181
Pupils	163,692	139,406

BUILDING PERMITS

The value of buildings constructed, or remodelled, in 20 cities and towns of the state in 1930 for which permits were issued was \$11,707,791. The following table shows the amounts by years and the number of towns and cities reporting:

Year	No. Reporting	Value
1924.....	20	\$33,157,975
1925.....	20	32,618,354
1926.....	17	19,325,549
1927.....	19	20,624,702
1928.....	19	21,234,508
1929.....	20	21,575,638
1930.....	20	11,707,791

An accompanying table shows the value of permits by cities and towns and by years.

VALUE OF BUILDING PERMITS IN PRINCIPAL CITIES AND TOWNS

TOWN	1930	1929	1928	1927	1926
Boulder	\$ 271,684	\$ 216,510	\$ 326,475	\$ 416,930	\$ 346,710
Colorado Springs..	926,322	1,030,026	812,495	577,398	777,361
Denver	8,007,100	16,633,300	15,958,400	15,902,650	14,591,000
Durango	139,718	162,352	282,249	205,305	174,780
Eads	14,600	15,000	2,000	3,000	1,000
Eaton	3,050	12,900	121,530	90,000	.....
Englewood	189,670	148,097	169,428	200,000	257,777
Fort Collins.....	256,297	276,578	333,866	223,292	293,326
Fort Morgan.....	102,973	199,965	.....	.....	.....
Grand Junction...	127,575	316,938	236,145	204,950	205,990
Greeley	295,360	453,527	624,919	644,395	1,046,870
Lafayette	8,800	1,500	2,750	1,500	1,500
La Junta.....	60,000	1,040	60,000	200,000	20,000
Littleton	21,710	30,000	35,000	10,000	45,000
Longmont	104,730	127,515	115,000	105,000	125,000
Manitou	28,052	25,295	21,225	23,700	41,320
Platteville	1,050	23,869	7,000	3,000	5,000
Pueblo	537,205	1,572,521	1,468,012	1,625,382	1,245,041
Sterling	439,645	123,705	402,180	146,200	147,874
Trinidad	172,250	205,000	255,834	42,000	.....
Totals.....	\$11,707,791	\$21,575,638	\$21,234,508	\$20,624,702	\$19,325,549

Note—No reports were received for 1926 from Eaton, Fort Morgan and Trinidad, and none for Fort Morgan in 1927 and 1928.

STATE CONSTITUTIONAL CONVENTION

The enabling act, an act of congress authorizing the inhabitants of the territory of Colorado to form for themselves out of the territory a state government which should be admitted to the Union on an equal footing with the original thirteen states, became a law on March 3, 1875. The constitutional convention elected by the people under the provisions of that act, composed of 38 members, held its first meeting in Denver on December 20, 1875. J. C. Wilson was elected president of the convention, and W. W. Coulson, secretary. The constitution was approved and signed by the convention on Tuesday, March 14, 1876, and ratified by the voters on July 1, 1876. The proclamation admitting Colorado into the Union was signed

by President U. S. Grant on August 1, 1876.

A measure providing for the calling of a constitutional convention to prepare a new constitution to be submitted to the electorate was voted upon at the general election on November 4, 1930, and was defeated by a vote of 93,879 for and 97,826 against the proposal.

STATES WITH STRAIGHT-LINE BOUNDARIES

Colorado and Wyoming are the only states in the Union having unbroken straight-line boundaries on all sides. Each covers the same number of degrees of latitude and longitude, namely, four of latitude and seven of longitude, yet because of the convergence of the meridians towards the north the area of Wyoming is 6,034 square miles less than that of Colorado.

COLORADO PRODUCTION OF ELECTRICITY FOR PUBLIC USE
(Compiled by Division of Power Resources, U. S. Geological Survey)

	1930	1929
Production (kilowatt-hours):		
Water power	235,843,000	230,423,000
Fuel power.....	337,498,000	333,390,000
Total power	573,341,000	563,813,000
Consumption of fuel:		
Coal (short tons).....	419,295	420,093
Oil (barrels)	8,574	6,328
Number companies operating January 1.....	31	29
Number plants operated January 1.....	64	61
Generator capacity (kilowatt-hours).....	224,516	222,127

Note—Additional information on this subject will be found in chapter "Water Power Resources."

FOREIGN EXPORTS FROM COLORADO

Exports from Colorado, merchandise shipped from this state to foreign countries, amounted to \$3,238,588 in the calendar year of 1930, according to advance figures of the United States department of commerce. This compares with \$4,001,887 in 1929, a decrease of \$763,299; \$3,419,934 in 1928, a decrease of \$181,346; and \$3,394,095 in 1927, a decrease of \$155,507.

The statistics are based on through export bills-of-lading and do not provide a completely accurate index of the exact volume of export shipments from the state. The through bill-of-lading represents the only available source of information indicating the export standing and the relative positions of the various states. There were 41 states and territories with larger volumes of exports than Colorado in 1929 and 10 with smaller volumes.

From the standpoint of value, mine and quarrying machinery ranked first among the exports from Colorado in 1929, being valued at \$1,445,509, and was followed by other machinery and parts, \$437,872; and lard, \$303,939. Machinery in 1929 displaced lard for second place. Other leading exports, with comparative figures for 1928, were:

	1929	1928
Iron and steel manufactures	\$218,526	\$ 94,961
Vegetable food products and beverages.	198,515	105,533
Wood and paper and manufactures	152,169	57,600
Other non-metallic products	141,305	104,857

Among the diversified commodities exported from Colorado in 1929 were animals and animal products, corn, prepared and mixed feeds and other feeds, including screenings; prunes, broom corn, other vegetable products, unmanufactured cotton, other textiles and manufactures, coal, coke, gas and fuel oil, bricks and tiles, asphalt and bituminous manufactures, vehicles and parts, industrial chemicals, dynamite, primers and fuses and other chemical and related products.

COST OF TIMBERING MINES

It costs more than \$1,000,000 a year to timber the walls and roofs of mines in Colorado to prevent caving. In 1923 a total of 5,404,933 cubic feet of round timber and 6,743,000 board feet of sawed timber was used for this purpose, the cost being \$1,195,215. The bituminous coal mines of the state used 4,811,519 cubic feet of round timber and 1,281,000 board feet of sawed timber, at a cost of \$883,820. The metal mines, other than iron mines, used 588,840 cubic feet of round and 5,453,000 board feet of sawed timber, the remainder of the total being used in the iron mines. The coal mines used almost four times as much timber in 1923 as in 1905, while the metal mines used only one-fifth the quantity of round timber and half the quantity of sawed timber used in 1905.

NATIONAL AND STATE COMMITTEES

The Colorado members of the Democratic national committee are George A. Collins of Denver and Mrs. Gertrude

A. Lee of Greeley. The chairman of the Democratic state committee is Walter Walker, of Grand Junction, and Paul Schreiber, Denver, is secretary.

The Colorado members of the Republican national committee are Clarence C. Hamlin, Colorado Springs, and Mrs. John E. Hillman, Delta. The chairman of the Republican state committee is Jesse F. McDonald of Leadville.

COLORADO TROOPS IN WORLD WAR

Official figures place the number of troops furnished by Colorado for the World war, including commissioned and enlisted men, at 42,898. The number includes enlistments in the army, navy and marine corps. The total number for the country was 4,727,988, of which Colorado furnished approximately 1 per cent.

During the fiscal year ending June 30, 1926, the war department completed the task of rechecking all authorization and credits for wounds incurred by members of the American Expeditionary Forces. The final figures on battle casualties for Colorado are as follows:

	Enlisted		
	Officers	Men	Total
Killed in action.....	18	224	242
Died of wounds.....	9	75	84
Wounds*	82	1,091	1,173
Individuals wounded*	76	1,042	1,118
Wounds not mortal. ..	...	...	1,089
Grand total casualties.....	...	...	1,415

*"Wounds" and "Individuals wounded" include mortal wounds received by individuals enumerated under "Died of wounds."

NUMBER OF TELEPHONES

According to data collected at the quinquennial census of electrical industries taken in 1928 by the department of commerce, there were 183,250 telephones in use in Colorado in 1927. This compares with 150,652 in 1922, an increase of 32,598, or 21.6 per cent. Of this total number, 168,442 were for the Bell system and 14,808 for all other systems or lines. The number of telephones operated by the Bell system increased 24.2 per cent between 1922 and 1927, and for other systems and lines there was a decrease of 1.4 per cent. There were 24 states reporting a larger number and 24 states (including the District of Columbia) a smaller

number of telephones than Colorado. The number of telephones in the United States increased 29.1 per cent in the period named.

The number of originating telephone calls in the state in 1927 was 312,926,084, of which 229,101,860 calls were for systems with incomes of \$10,000 or more per year. That was equal to five calls per telephone per day and 258 calls per inhabitant for the year.

MEMBERSHIP IN ORGANIZATIONS

The membership in some of the more prominent fraternal and benevolent organizations in the state is as follows:

The Masons had 147 lodges with a membership of 33,610 in 1929. This compares with 147 lodges and 33,264 members in 1928, 147 lodges and 32,529 members in 1927 and 140 lodges and 30,251 members in 1925.

The Benevolent and Protective Order of Elks had an average membership of 15,518 in 1930.

The number of councils of the Knights of Columbus in the state in July, 1930, was 27. The total membership, including insurance and associate members, was 4,582. There were 2,009 insurance policies in force on December 31, 1930, and the amount of insurance carried was \$2,475,292.

The Boy Scouts of America had a membership of 5,963 in Colorado on January 1, 1930. This compares with 5,884 on the same date in 1929 and 4,972 in 1928.

The Young Men's Christian Association has 13 associations in the state, including three student associations, with a membership of 10,201 men and boys, of whom 4,936 are in Denver.

The Young Women's Christian Association has six associations in the state, in Denver, Boulder, Colorado Springs, Grand Junction, Fort Collins and Pueblo, with a membership in excess of 3,000, including approximately 400 high school girls' reserves.

THE LUMBER INDUSTRY

While Colorado possesses immense quantities of timber, the production of lumber and timber products has been conducted on a comparatively small scale until recent years, when there has been a marked increase in output.

There were 140 mills in the state reporting to the census bureau in 1928, which compares with 116 in 1927, 128 in 1926, and 145 in 1925. These are classified as logging camps, merchant

mills and planing mills operated in conjunction with sawmills, veneer mills and cooperage-stock mills. Planing mills not operated in conjunction with sawmills are classified separately and are included under manufacturing. The mills here listed are those which produce lumber and timber products for re-manufacture.

Of the 140 mills reporting in 1928, one was in Class 7, mills cutting 25,000 to 49,999 thousand board feet; eight were in Class 3, those cutting 1,000 to 4,999 thousand board feet; 12 in Class 2, cutting 500 to 999 thousand board feet; and 119 mills in Class 1, cutting 50 to 499 thousand board feet.

The quantity of lumber sawed in the 140 mills reporting in 1928 was 72,257 thousand feet, board measure, which compares with 67,321 thousand feet in 1927, an increase of 7.3 per cent, and 38,917 thousand feet in 1922, an increase of 85 per cent.

The 116 mills reporting in 1927 were operated by 62 establishments and the number of persons employed was 1,310, of whom 58 were proprietors and firm members, 62 were salaried officers and employes, and 1,190 were wage earners. Salaries paid aggregated \$114,336 and wages \$1,278,030. Cost of materials, supplies, fuel and power was \$442,773, and the value of products was \$2,368,366. Horsepower employed was 4,500.

Most of the lumber sawed in the state is softwood, the only hardwood produced being cottonwood. Of the 72,257 thousand feet cut in 1928, 72,200 thousand feet was softwood and 57 thousand feet was hardwood. The kind of wood and quantity of each sawed in 1928, 1927 and 1926 are given in the following table:

Kind	Quantity M Ft. B. M.		
	1928	1927	1926
Cedar .....	.....	.....	1
Douglas fir.....	4,157	3,984	2,895
Lodgepole pine.....	9,875	5,994	9,740
Spruce	9,814	7,388	10,529
Western yellow pine.....	47,038	47,799	51,022
White fir	1,316	2,065	767
Cottonwood	57	71	324
Undistributed .....	.....	20	.....
Total	72,257	67,321	75,278

Colorado ranked second among the states of the Union in 1928 in the production of lodgepole pine, its output being 9,875 thousand feet, or 37.2 per cent of the total output in the United States. In 1927 Colorado ranked first. The timber is used extensively in the construction of telephone and telegraph lines.

The following table showing the number of active mills and quantity of lumber cut by years indicates the progress of the industry:

Year	No. Active Mills	Quantity Lumber Sawed (M ft. b.m.).
1922.....	128	38,917
1923.....	113	38,233
1924.....	122	42,014
1925.....	145	71,069
1926.....	128	75,278
1927.....	116	67,321
1928.....	140	72,257

A considerable part of the timber cut in Colorado comes from the national forests, the annual output being approximately 65,000,000 board feet. The national forest service estimates standing timber of all species in these reserves at 22,160,689,000 board feet. Additional information on this subject will be found in the chapter on "National Forests."

There was produced in the planing mills of the state in 1927, including those operated in conjunction with sawmills and independent mills, products valued at \$2,525,997. The output of these mills includes dressed lumber, doors, sash, windows, frames, etc. The value of products of the independent planing mills in 1927 was \$1,678,548. The planing mill products industry is described in more detail in the tables under "Manufacturing" in this volume. Plants manufacturing wooden boxes had an output of products in 1927 valued at \$350,644. The aggregate value of lumber and timber products and products of the planing mills in 1927 was \$4,894,363.

The mills reported an output of 2,178,000 laths and 180,000 shingles in Colorado in 1928.

Colorado's increase of 7.3 per cent in lumber sawed in 1928 compares with an indicated increase of 1.1 per cent in the United States.

HOLIDAYS IN COLORADO

The laws of Colorado provide for the following legal holidays in the state:

January 1—New Year's Day.

February 12—Lincoln's birthday.

February 22—Washington's birthday.

May 30—Memorial day.

July 4—Independence day.

August 1—Colorado day.

September—First Monday, Labor day.

October 12—Columbus day.

November—First Tuesday after first Monday, general election day.

November 11—Liberty day.

November—Thanksgiving day, by proclamation, last Thursday.

December 25—Christmas day.

Arbor day is not a legal holiday, but is set apart for observance by proclamation for the third Friday in April. It is a public school holiday.

Good Roads day is not a legal holiday, but is set apart by proclamation for the second Friday in May.

Saturday, from 12 o'clock noon until midnight, is a legal holiday during June, July and August in every city having 25,000 or more population.

STANDARD MOUNTAIN TIME

The 105th meridian west of Greenwich, which divides standard central time from standard mountain time as determined by congress, passes in a north and south line through Denver. However, congress gave authority to the interstate commerce commission to readjust the boundaries of time zones and under a readjustment made by the commission, all of Colorado operates on standard mountain time. The eastern boundary of this zone goes through Mandan, North Dakota; Pierre, South Dakota; McCook, Nebraska; Dodge City, Kansas, and along the western boundaries of Oklahoma and Texas. The western boundary is along the western boundary of Montana; follows the Salmon river westward; western boundary of Idaho westward; southern boundary of Idaho eastward; passes southward through Ogden and Salt Lake City, Utah, and Parker and Yuma, Arizona.

Twelve o'clock noon, U. S. standard mountain time in Colorado, compares with clocks in other cities of the United States and foreign countries as follows:

Boston	2:00 P. M.
Chicago	1:00 P. M.
Cincinnati	1:00 P. M.
Dallas	1:00 P. M.
El Paso	12:00 Noon
Kansas City	1:00 P. M.
London	7:00 P. M.
Los Angeles	11:00 A. M.
Melbourne	*1:00 A. M.
Memphis	1:00 P. M.
New Orleans	1:00 P. M.
New York	2:00 P. M.
Rome	8:00 P. M.
Paris	7:00 P. M.
Salt Lake	12:00 Noon
Seattle	11:00 A. M.
Washington	2:00 P. M.
Yokohama	12:00 Midn.

*Next day.

LYNCHING RECORD

Colorado is one of the few states of the Union in which no lynchings have occurred in the ten years ending with 1929, according to the annual summaries of the Tuskegee institute. Of 4,287 lynchings reported in the United States since 1885, only 29 were in Colorado, of which 24 were white and five were negroes. Colorado's proportion of the total is less than seven-tenths of one per cent.

LEGAL EXECUTIONS

Thirty-six legal executions have taken place in Colorado between November 6, 1890, and November 30, 1930, inclusive. These were by years as follows:-

*1890	1
1891	3
1892	1
1895	3
1896	4
1905	4
1907	1
1908	2
1912	1
1915	1
1916	2
1920	1
1922	1
1924	1
1926	2
1928	2
1930	6
Total	36

*For part of year.

STATE CAPITOL BUILDING

The Colorado state capitol building is located on an elevated site bounded by Lincoln and Grant streets and Colfax and East Fourteenth avenues in the city of Denver, with the main entrance facing due west. It stands at an altitude of exactly one mile above sea level. The structure, from the standpoint of its location, its architectural beauty and imposing appearance, is one of the outstanding state capitol buildings of the country. The grounds in front of the building include the entire block between Lincoln street and Broadway and face the Denver civic center. The main range of the Rocky mountains for a distance of 150 miles north and south is visible from the capitol entrance.

The building is of the Corinthian order of architecture, and E. E. Myers was the architect. The cornerstone was laid on July 4, 1890, by the Masonic lodge and the building was first occupied in 1895 and was completed in 1896. The site, consisting of 10 acres,

was donated to the state by Henry C. Brown and the block fronting on Broadway was purchased for \$100,000. The cost of the building was \$2,800,000 and replacement value at this time is estimated at \$8,000,000. It is constructed of gray granite, cut on straight lines except for the massive pillars above the entrances. The interior is finished principally in onyx with lacquered brass cappings and corner trimmings. The dome is plated with pure leaf gold which cost \$14,680, and seven and one-half tons of lead was used in placing same. The structure is shaped similar to a Greek cross, with entrances on Colfax avenue, Grant street and East Fourteenth avenue, with the main entrance on the Lincoln street side. In its construction 230,000 cubic feet of granite was used.

The dimensions of the building are as follows:

Length	383 feet 11 inches
Width	313 feet
Height of dome.....	272 feet 2 inches
Length of corridors	
east and west.....	193 feet
Diameter of circular	
corridor beneath dome	42 feet
Number of rooms.....	160

The cornerstone contains a copy of the Bible, an American flag, constitutions of Colorado and the United States, the Declaration of Independence, census reports, numerous documents and public addresses of officials, a number of souvenirs, copies of the newspapers of that day and gold and silver coins of all denominations.

In 1915 a quarter-block south of the capitol and across East Fourteenth avenue was purchased and the state museum building was constructed upon it at a cost of \$480,000. The structure was built of granite and marble, and houses a museum of archaeological and mineral exhibits and relics of wars.

In 1919 a quarter-block north of the capitol and across Colfax avenue was purchased, and upon the site was constructed the state office building, four stories high and built of granite and marble at a cost of \$1,475,000. It was occupied in 1921. In it are located numerous boards and departments of the state government.

DENVER'S MOUNTAIN PARKS

Located in Jefferson, Clear Creek, Arapahoe, Douglas, Gilpin and Boulder counties, to the northwest, west and south of Denver, is a series of moun-

tain parks, all of which are connected by highways, which comprise what is known as the Denver mountain park system. These parks are owned by the municipality of Denver and were acquired, improved and opened to the public for the purpose of making the mountains available for the people. In undertaking the project, there were no precedents to follow. The idea was unique, never before considered by any municipality and no other American city has since undertaken a project that is similar.

The system comprises a chain or series of parks in the mountains forming somewhat of a semi-circle and extending as far west as Echo lake and the summit of Mt. Evans, the latter at an altitude of 14,262 feet above sea level, and including Lookout mountain, Bergen park, Genesee park, the Garden of the Red Rocks and other areas offering unique and attractive scenic advantages. All of the parks are connected with well-built highways and these highways tie into others radiating from Denver to the west and south. In the mountain parks are several lakes. Mountain lodges have been built at most attractive locations, shelter houses erected, water systems installed, fireplaces for outdoor cooking constructed and many other improvements made for the comfort and convenience of the people. The federal government, especially the forest service, the state government and the city of Denver participated in the construction of the highway to the summit of Mount Evans. Counties in which the parks and highways are located also have contributed to the construction and maintenance of the roads.

While the establishment of this park system had been discussed as early as about 1901, the actual movement towards that end began in 1911, when committees of the civic and commercial organizations of Denver engaged in developing the idea were combined into a single general committee. In May, 1912, at a municipal election, the charter of Denver was amended so as to permit the city to acquire, own and operate properties outside of the municipality's corporate limits. The following year the legislature passed an act granting Denver eminent domain and police powers in respect to the mountain parks. The land for the park was acquired by purchase, by donations from the federal government and as gifts from individuals. A project

so unique and so extensive aroused considerable opposition and the right of the municipality to levy taxes for undertakings outside of the city was taken into court, with the result that not only did the supreme court uphold this right, but held the amendment to the city charter to be constitutional and valid. The first work undertaken was the construction of a highway from Golden to the summit of Lookout mountain, which was begun in 1913. Improvements in the parks and the acquisition of additional holdings have since continued progressively as they were needed.

The area owned by the city on June 1, 1927, was 10,295 acres, of which 4,419 acres was acquired prior to 1923. Between that year and 1927, 1,311 acres was secured through patents to parks, 4,352 acres by patents to tracts and 214 acres by deeds to parks. From 1912 to 1929, inclusive, total expenditures on the mountain parks aggregated \$1,895,153. These expenditures by years are as follows:

1912	.....\$	3,864.67
1913	.....	59,443.97
1914	.....	87,465.15
1915	.....	129,282.57
1916	.....	48,093.90
1917	.....	73,757.19
1918	.....	72,103.05
1919	.....	51,128.37
1920	.....	96,623.70
1921	.....	99,633.26
1922	.....	151,748.26
1923	.....	74,424.74
1924	.....	135,711.90
1925	.....	112,176.95
1926	.....	98,972.24
1927	.....	259,132.96
1928	.....	174,712.02
1929	.....	166,878.46

Total.....\$1,895,153.36

MEXICAN LAND GRANTS

Maps of Colorado generally show large areas of land along the southern boundary which are designated as land grants. These are referred to popularly as "Spanish land grants," but more correctly they are known as Mexican land grants, since they were made subsequent to the proclaiming in 1810 of Mexico's independence of Spain. Most of these grants, in which the titles originate in the government of Mexico, were bestowed in the early 40s, but successful occupation of the tracts was not accomplished for a number of years. Following the signing

of the Treaty of Guadalupe Hidalgo in 1848, which guaranteed to the Mexicans their private property rights, the United States set up the machinery necessary to ascertain the origin, nature and extent of the claims to the land under the laws, usages and customs of Spain and Mexico, and such claims as were found to be valid were confirmed by congress. In the years following the confirmation of titles down to the present the land embraced in the grants has been extensively developed and within the areas are cities and towns, agricultural communities, valuable coal and mineral properties and other evidences of substantial growth.

One of the largest of the grants in Colorado and New Mexico is known as the Beaubien and Miranda, or Maxwell land grant, which embraces more than one million acres of land, of which approximately 380,000 acres is in Colorado. The Colorado part of the grant is in the southern and southwestern parts of Las Animas county. The grant was confirmed by congress in 1860.

The Sangre de Cristo grant, the largest of the group and including more than a million acres, embraces the greater part of the valleys of the Costilla, Culebra and Trinchera rivers in the San Luis valley and extends from the Rio Grande river to the summit of the Sangre de Cristo range. It is principally in Costilla county.

The Nolan grant, located along the St. Charles river, in Pueblo county, to the south and southwest of Pueblo, was confirmed in 1870 as to 48,695 acres.

The Vigil and St. Vrain grant is in the valleys of the Huerfano, Apishapa and Cucharas rivers, lies to the north of the Maxwell grant and southeast of the Nolan grant and originally embraced more than 4,000,000 acres, but was reduced by congress to 97,390 acres.

The Conejos grant, involving a large tract in Conejos county, was never confirmed and most of the land was taken up under the United States homestead laws, in many instances by original grantees.

The Tierra Amarilla grant is mostly in New Mexico, with only a small part of it extending up into Archuleta county.

Colorado Boards, Bureaus and Commissions

IN the following tabulation is presented a list of all state boards, bureaus and commissions, as well as departments headed by individual executives but representing distinct governmental activities. Agencies which are sub-departments of other regular departments, such as the motor vehicle bureau under the secretary of state, and the factory and labor inspectors under the same official, are not reported, nor are inspectors working out of the market director's office and similar employes under other departments. To include all such officials and employes would extend the list materially. The purpose here is to list all independent and distinct agencies of the state government. Elected state and county officials are shown under the heading "Government and Political Record," as are district judges and district attorneys, and those names are not repeated here.

For brevity the following symbols have been adopted:

1. Appointed by the governor.
2. Appointed by the governor, subject to confirmation by the senate.
3. No compensation except expenses incurred in the discharge of official duties.
4. No compensation of any kind provided by law.
5. Compensation or expenses, or both, payable only from collections of the department.
6. Officer or employe is under civil service.

* Indicates salaried executive of department.

† Indicates member ex-officio.

BOARDS GOVERNING STATE INSTITUTIONS

Regents, Colorado University, Boulder (3)—Clifford W. Mills, Denver; Earl W. Haskins, La Junta; Frank H. Means, Saguache; Mrs. Jos. D. Grigsby, Pueblo; Charles D. Bromley, Fort Morgan; (one vacancy). Dr. George Norlin*, president. Elected for six-year terms.

Trustees, School for Deaf and Blind, Colorado Springs (2-3)—R. H. Malone and Earl R. Hoage, Denver; G. E. West, Durango; J. A. Ritter and Asa T. Jones, Colorado Springs. T. S. McAlloney*, superintendent.

Trustees, School of Mines, Golden (2-3)—Fred Steinhauer and W. H. Smiley, Denver; W. A. Way, Silverton; B. F. Hill, Cripple Creek; Robert Sayer, Central City. Dr. M. F. Coolbaugh*, president.

Trustees, Teachers College, Greeley, and Normal Schools, Gunnison and Alamosa (2-3)—Mrs. Inez Johnson Lewist; C. P. Rex, Alamosa; E. M. Hedrick, Wray; T. W. Monell, Montrose; H. V.

Kepner, Denver; C. N. Jackson, Greeley; C. H. Stewart, Delta. Dr. G. W. Frasier*, president.

Board of Agriculture, Agricultural College, Fort Collins, and Fort Lewis School (2-3)—Gov. Wm. H. Adams†; Dr. Charles A. Lory*, president†; J. C. Bell, Montrose; W. I. Gifford, Hesperus; J. P. McKelvey, La Jara; H. B. Dye, Manzanola; T. J. Warren, Fort Collins; Dr. O. E. Webb, Milliken; Mrs. Mary H. Isham, Brighton; J. W. Goss, Pueblo.

Board of Corrections, Penitentiary, Canon City; Reformatory, Buena Vista; Insane Hospital, Pueblo (2-3)—T. A. Duke, Pueblo; Rt. Rev. Irving P. Johnson, Denver; R. J. Wann, Canon City. J. P. Allen (*-6), acting warden penitentiary; R. L. Shaw (*-6), warden reformatory; F. H. Zimmerman (*-6), acting superintendent insane hospital.

Trustees, Junior College, Trinidad (1-4)—J. C. Caldwell, F. C. Nicholls, R. E. McClung, Trinidad.

Trustees, Junior College, Grand Junction (1-4)—R. E. Tope, E. W. Dinwiddie, Henry Tupper, Grand Junction.

Board of Control, Industrial School for Boys, Golden (2-3)—O. A. Goetz, Golden; Miss Lila O'Boyle and Oscar L. Chapman, Denver. B. T. Foxson (*-6), superintendent.

Board of Control, Industrial School for Girls, Morrison (2-3)—Margaret P. Taussig, E. C. Stimson, E. S. Kassler, Leila C. Eaton, Mrs. Lelia B. Chamberlin, Denver. Miss Anna L. Cadley (*-6), superintendent.

Commissioners, Soldiers' and Sailors' Home, Monte Vista (2-3)—W. C. Danks, Steamboat Springs; H. O. Neville, Denver; Susie Carr McGuire, Longmont; Donald Shakespeare, Monte Vista; E. C. Condit, Denver. John T. Greene (*-6), commandant.

Board of Control, Home for Dependent and Neglected Children, Denver (1-3)—Mrs. P. C. Porter, Mrs. S. P. Thomas, Mrs. A. M. Whitaker, P. H. Holme, Mrs. Anna R. Morse, Denver. John L. McMenamin (*-6), superintendent.

Commissioners, Home for Mental Defectives, Ridge and Grand Junction (2-3)—J. H. Lee and Sterling B. Lacy, Grand Junction; Rev. Val H. Higgins, Denver. Superintendents: Dr. C. L. Pershing (*-6), Ridge; Dr. B. L. Jefferson (*-6), Grand Junction.

EXECUTIVE BOARDS AND COMMISSIONS

Public Utilities Commission (*-2)—Worth Allen, Greeley; Dan S. Jones, Center; E. E. Wheeler, Ouray.

Industrial Commission (*-2)—Thomas Annear, Denver; Wm. H. Young, Pueblo; W. E. Renshaw, Idaho Springs.

Land Commissioners (*-2)—Raymond Miller, Galatea; A. H. King, Sterling; W. R. Murphy, Las Animas.

Civil Service Commission (*-1)—John M. Jones, Boulder; Mrs. Clara Wilkins, Alamosa; W. T. Lambert, Sedalia.

Board of Capitol Managers (1-3)—William H. Adams, governor†; F. L. Birney, Geo. T. Bradley, W. H. Gates, Denver;

C. B. Noxon, Englewood. James Merrick (*-6), superintendent of buildings.

Military Board (†-4)—William H. Adams, governor; L. deR. Mowry, judge advocate; A. P. Ardourel, quartermaster; R. A. Johnston, senior line officer; Col. W. C. Danks, adjutant general.

Tax Commission (*-6)—E. B. Morgan and S. E. Tucker, Denver; J. R. Seaman, Fort Collins.

Board of Health (2-3)—Dr. Sherman Williams, Dr. Paul J. Connor, Dr. G. W. Bumpus, Denver; Dr. W. P. Gasser, Loveland; Dr. U. O. Mussick, Colorado Springs; Dr. C. A. Davlin, Alamosa; Dr. B. B. Beshoar, Trinidad; Dr. N. M. Burnett, Lamar; Dr. S. R. McKelvey (*-6), secretary, Denver.

Stock Inspection Commissioners (1-3)—E. R. Mourning, Kiowa; John Welch, Eagle; J. W. Birkle, Platteville; M. J. McMillin, Carlton; C. T. Stevens, Gunnison; Frank Parsons, Weston; A. H. Tetsell, Sterling; William Hansen, Alamosa; Bruce Roup, Yampa. R. F. Lobdell (*-6), secretary; Dr. C. G. Lamb (*-6), veterinarian.

Board of Immigration (2-3)—Neil W. Kimball, Golden; Thomas Lytle, Montrose; Fred M. Betz, Lamar. Edward D. Foster (*-6), commissioner.

Racing Commission (1-4)—A. P. Drew, Grand Junction; J. T. Allen, Denver; Henry Leonard, Colorado Springs; C. F. Cusack, Denver; Robert Russell, Littleton.

Commission for the Blind (1-3)—E. W. Pfeiffer, Mrs. H. K. Dunklee and Dr. Edward Jackson, Denver; Ray Jewel, Pueblo; H. H. Brooks, Ordway. Mrs. Kathryn Barkhausen (*-6), executive secretary.

Boxing Commission (1-3)—Norton Montgomery, Edgewater; T. J. Morrissey and G. E. Hartung, Denver. W. L. Morrissey (*-6), secretary.

Directors, Metal Mining Fund (1-3)—R. M. Henderson, Breckenridge; W. A. Kyner, Cripple Creek; John Harvey and J. M. Kleff, Leadville; H. A. Brown, Aspen; Alex McLellan, Boulder; J. C. Bailey, Colorado Springs; T. B. Crawford, Ouray; S. D. Collins, Creede. C. L. Colbran (*-6), secretary.

State Fair Commission (1-3)—John J. Tobin, Montrose; Ray H. Talbot, Pueblo; T. P. Detamore, Denver. J. J. Clark (*-6), secretary, Pueblo.

Library Commission (1-3)—Mrs. L. I. Harrington, M. G. Wyer, Denver; Mrs. J. S. Brown, Littleton; Mrs. Geo. Lerg, Lakewood.

Gas Conservation Commission (1-4)—S. H. Keoughan, H. C. Bretschneider, F. W. Freeman, Denver; James Ducet, state oil inspector.

Highway Advisory Board (1-3)—William H. Adams, governor; Peter Seerie, Denver; L. C. Moore, Fort Collins; J. H. Davis, Colorado Springs; F. H. Blair, Sterling; William Weiser, Grand Junction; E. G. Middlekamp, Pueblo; E. B. Allen, Silverton; C. D. Vail, highway engineer (*-6).

Uniform Laws Commission (2-3)—Forrest Northcutt, E. L. Brock and H. W. Toll, Denver.

Geological Survey (3)—An ex-officio board created by statute, consisting of the governor, the metal mining commissioner and the presidents of the state university, agricultural college, school of mines and Metal Mining Association.

EXAMINING BOARDS

Architects (1-5)—W. N. Bowman, R. O. Parry, G. M. Musick and F. W. Frewen, Jr., Denver; C. E. Thomas, Colorado Springs. Per diem of \$5 and actual expenses for attendance upon examinations.

Teachers (3)—Inez Johnson Lewist; G. E. Brown, Greeley; H. M. Corning, Colorado Springs; J. F. Keating, Pueblo; Emma T. Wilkins, Fort Collins; I. E. Stutsman, Sterling; Estelle Bogess, Grace Ellen Shoe Smith and W. H. Smiley, Denver. Appointed by the state board of education.

Coal Mine Inspection (5)—F. W. Whiteside, Denver; R. N. Moore, Coalmont; Thomas Llewellyn, Silt; Harold Williams, Grand Junction; James Dalrymple, chief inspector (*-6). Three members appointed by district judges and the fourth by the governor. Board members receive no stated salary but are allowed variable per diem and expenses for attending meetings.

Barbers (1-5)—J. T. Brooks, Denver; C. R. Hamilton, Pueblo; Wm. Timbel, Denver. Per diem of \$8, with necessary traveling expenses.

Nurses (1-5)—Freida Off, Mrs. Loretta Mulherin, Ruth Colestock and Irene Murchison*, Denver; Sadie L. Heckert, Colorado Springs.

Medical (1-5)—Dr. H. R. McGraw, Dr. W. W. Williams, Dr. J. G. Locke, Dr. Phillip Work, Dr. E. B. Swerdferger, Dr. D. L. Clark, Denver; Dr. Rodney Wren, Pueblo; Dr. F. R. Spencer, Boulder; Dr. V. A. Hutton, Florence. Per diem and travel expenses as fixed by the board.

Pharmacy (1-5)—Arthur D. Baker, Denver; J. E. Stauffer, Rifle; J. P. Murray, Colorado Springs. Per diem of \$5 and necessary travel expenses.

Dentists (1-3-5)—Dr. R. L. Gray, Dr. Z. T. Roberts, Dr. J. J. O'Neill, Denver; Dr. W. W. Cogswell, Pueblo; Dr. W. C. Davis, Alamosa.

Optometry (1-5)—J. C. Bloom, W. E. McLain, L. A. Moore, Denver; L. C. Larsen, La Junta; E. J. Haefeli, Greeley. Per diem of \$10 and necessary traveling expenses.

Accountancy (1-5)—G. W. Maynard, A. L. Baldwin, Julius von Tobel, Denver. Per diem of \$10 and necessary traveling expenses.

Veterinarians (1-3-5)—L. L. Glynn, Monte Vista; E. E. Tobin, Greeley; A. N. Carroll, Pueblo.

Embalmers (1-5)—Carl Meyer, Denver; G. L. Hamlik, Central City; F. J. Allnut, Greeley; Roy Campbell, Trinidad; Dr. S. R. McKelvey†.

Engineers and Land Surveyors (1-3-5)—M. C. Hinderlert; James Underhill, Idaho Springs; J. A. Hunter, Boulder; H. I. Reid, Colorado Springs; H. S. Sands, Denver.

Shorthand Reporters (1-3-5)—E. J. Braund, Montrose; Ralph Ellithorpe, Del Norte; Fuller Spruill, Denver.

Real Estate Brokers (1-3-5)—A. V. Dworak, Longmont; Wardner Williams, Pueblo; E. P. Gallup, Denver. A. J. Morley (*-6), chief clerk.

Abstracters (1-3-5)—P. W. Allen, Greeley; E. H. Zimmerman, Steamboat Springs; C. L. Hubbard, Glenwood Springs.

Aeronautics (1-4)—Eddie Brooks, Dr. John Chase, Denver; P. H. Philbin, Jr., Pueblo.

Cosmetologists (1-5)—Mrs. L. P. Williams, Mrs. Elizabeth Powell, Denver; Mrs. G. E. Cook, Las Animas. Per diem of \$10 and necessary traveling expenses.

Lawyers (4)—Law Committee: W. F. Denious, Fred Farrar, I. C. Rothgerber, S. T. Wallbank, D. C. McCreery, Denver; T. E. Monson, Sterling; Fred W. Stover, Fort Collins; J. A. Phelps, Pueblo; S. H. Kinsley, Colorado Springs. Bar Committee: W. R. Kelly, Greeley; A. L. Doud, R. W. Steele, E. H. Ellis, W. E. Hutton, Denver. Appointed by the supreme court.

INDIVIDUAL DEPARTMENTS

Bank Commissioner (6)—Grant McFerson*, Boulder.

Insurance Commissioner (6)—Jackson Cochrane*, Denver.

Game and Fish Commissioner (6)—Roland G. Parvin*, Denver.

Printing Commissioner (6)—Alfred T. May*, Denver.

Metal Mines Commissioner (6)—John T. Joyce*, Durango.

Interstate Water Compact Commissioner (1)—D. E. Carpenter, Greeley. Compensation fixed by the governor and the attorney general.

Budget and Efficiency Commissioner (1)—J. A. Bixby*, Denver.

Inspector of Building and Loan Associations (6)—Eli M. Gross*, Denver.

Oil Inspector (6)—James Duce*, Boulder.

Boiler Inspector (6)—W. M. Crowley*, Denver.

State Engineer (6)—M. C. Hinderlider*, Denver. (For division irrigation engineers and water commissioners see Pages X-XI, Session Laws 1931.)

State Librarian—Inez Johnson Lewis†; Mrs. Annie P. Hyder (*-6), assistant.

Director of Markets (6)—John J. Tobin*, Montrose.

MISCELLANEOUS

Bureau of Child and Animal Protection (4)—William H. Adams†, Mrs. Inez Johnson Lewis†, C. L. Ireland†, E. A. Colburn, Frank S. Byers, W. W. Watson, Denver. E. K. Whitehead (*-6), secretary. All except ex-officio members appointed by the Colorado Humane Society.

Board of Education (†-4)—Mrs. Inez Johnson Lewis, Charles M. Armstrong, C. L. Ireland.

Board of Equalization and Auditing Board (†-4)—Composed of the governor, secretary of state, auditor, treasurer and attorney general. John E. Davidson (*-6), secretary.

Historical and Natural History Society (4)—William H. Adams†, Henry A. Dubbs, Ernest Morris, A. J. Flynn, Ralph Hartsell, F. S. Byers, L. D. Sweet, E. W. Robinson, G. W. Skinner, Jr., T. R. Field, Denver. Alfred B. Sanborn*, curator. Members elected by the society.

Child Welfare Bureau—R. J. Walters, Miss Emily Griffith, Denver; J. D. Heilman, Greeley; Mrs. Charles A. Lory, Fort Collins; Mrs. Frederick Haver, Boone. Mrs. Estelle N. Matthews (*-6), executive secretary. Three members appointed by the governor and two by the superintendent of public instruction.

Board of Hail Insurance—D. C. Royer, Greeley; P. O. Wells, Colorado Springs; C. W. Swayze, Denver. T. P. Detamore (*-6), commissioner. Members appointed by the state board of agriculture. Per diem of \$7 and necessary traveling expenses for meetings.

Public Trustees (*-2-5)—C. L. Starrett, Colorado Springs; J. F. Redman, Greeley; R. A. Nicholas, Fort Collins; F. F. Dolan, Boulder; Bertram Beshoar, Trinidad; W. S. Peck, Denver; M. J. Kochevar, Pueblo; Walter Johnson, Golden. Fee office, maximum salary depending upon classification of the county.

Poet Laureate (1-4)—Nellie Burget Miller, Colorado Springs.

INDEX

A

Accidents (See Mortality Statistics)
 Acreage (See Area)
 Agricultural College (See Education, State Institutions)
 agricultural extension service..... 60
 Agricultural implements, value of... 97, 126
 Agricultural lands (See Lands)
 acreage assessed, by years..... 200A
 area by counties..... 12A, 124
 assessed value, 1930..... 126
 distribution of..... 124
 general description..... 6
 in national forests..... 37
 Agriculture (See Stockraising, dairy-
 ing, Horticulture, Poultry, Bees and
 Honey, and all farm crops by name)
 agricultural extension service..... 60
 comparative state acreage, produc-
 tion and value..... 61, 63
 compared with mining and manufac-
 ture..... 186
 farm value indiv. crops 1930 by
 counties..... 64, 65
 historical tables of..... 107-122
 history and progress of..... 61-134
 rank of counties in..... 15, 91
 relation of state to U. S..... 13, 62
 under federal reclamation projects.. 48
 Airports, aircraft, pilots and routes... 328
 Alcohol, industrial manufacture of... 268
 Alfalfa
 acreage distribution chart..... 85
 acreage..... 84
 av. no. acres per farm in..... 103
 number of farms reporting..... 101
 per cent of farms reporting..... 102
 Alfalfa seed
 acreage, production, value..... 63
 Altitudes
 chart of..... 324
 high and low points..... 4, 9, 324
 highest bridge..... 334
 of lakes and reservoirs..... 25
 of mountains..... 4, 9, 23
 of mountain passes..... 26-29
 of state, general..... 4, 324
 of towns and cities..... folder in pocket
 Apples (See Horticulture)
 carload shipments of..... 92
 historical table..... 118
 production, value..... 62, 63, 178, 180
 number of trees..... 179
 summary of U. S. crop..... 62
 Apricots (See Horticulture)
 production and value..... 178
 Archaeological..... 334
 Area (See Land)
 of agricultural land.. 12A, 123, 124, 200A
 of cities and towns..... folder in pocket
 of coal lands..... 221
 of state..... 4, 6, 12A, 19
 of counties..... 12A
 of cultivated land..... 66, 95, 99
 of dry farming land.. 12A, 124, 129, 200A
 of farms..... 61, 93, 95, 100
 farm land assessed by years..... 123
 of federal lands..... 12A, 269-272
 of fruit lands..... 12A, 130, 200A
 of grazing lands..... 12A, 131, 200A
 of hay lands..... 12A, 130, 200A
 of homestead lands..... 12A, 30-31
 of irrigated land.. 12A, 47, 124, 128, 200A
 of national forests..... 12A, 34
 of national parks..... 7
 rank of counties in..... 15
 of state land..... 12A, 32
 Assessed valuation (See Taxation)
 agricultural land by years..... 200A
 bees..... 175
 cities and towns..... folder in pocket

comparative..... 199, 200-202
 counties..... 195, 196
 equities in state land..... 126
 farm lands..... 128-134
 farm property..... 126
 irrigated land..... 128
 livestock..... 140-166
 per capita..... 19, 191
 poultry..... 173
 railroads and public utilities.. 198, 201
 farm property..... 126, 132
 rank of counties in..... 15
 Automobiles (See Motor Vehicles)
 Auto accidents (See Mortality Sta-
 tistics)
 Aviation..... 328

B

Banks
 clearings of principal cities..... 289
 deposits, assessed value..... 200
 deposits by towns..... folder in pocket
 deposits by years..... 289, 293
 deposits, per capita..... 19
 deposits, rank of counties in..... 15
 federal land and joint-stock..... 262
 general data..... 289-293
 names and location of..... 290
 Barley
 acreage, production, value.. 62, 63, 64, 76
 av. no. acres per farm in..... 103
 av. yield for 5 years..... 106
 distribution chart..... 77
 historical table..... 110
 irr. and non-irr. acreage, yield and
 production..... 76, 106
 number of farms reporting..... 101
 per cent of farms reporting..... 102
 per cent of cultivated area in..... 104
 per cent of irr. and non-irr..... 105
 rank of counties in..... 91
 summary of U. S. crop..... 62
 Beans
 acreage distribution chart..... 82
 acreage, production, value..... 62, 63, 64, 83, 86
 carload shipments of..... 92
 historical table..... 116, 119
 irr. and non-irr. acreage, yield and
 production..... 83
 per cent irr. and non-irr..... 105
 rank of counties in..... 91
 summary of U. S. crop..... 62
 Bees and Honey
 assessed value..... 126, 175
 number of stands on farms..... 175
 progress of industry..... 174-175
 Beets
 acreage, production, value.. 62, 63, 64, 79
 average number of acres in..... 103
 Colorado's relation to U. S..... 114
 distribution chart..... 80
 historical table..... 113
 number of farms reporting..... 101
 per cent of farms reporting..... 102
 per cent of cultivated area in..... 104
 rank of counties in..... 91
 summary of U. S. crop..... 62
 Berries (See Horticulture)
 Beverages, manufacture of..... 188
 Bicycles, assessed value of..... 200
 Birds, state and others..... 279
 Blackberries (See Horticulture)
 production and value..... 178
 Boards, bureaus and commissions, state. 345
 Bonded Indebtedness
 of counties, 1931..... 21
 of school districts..... 21
 of towns and cities..... folder in pocket
 summary..... 21
 (See folder in pocket)

Boulder, retail business in.....	322
Boundaries of Colorado.....	338
Broadcasting Stations.....	327
Brood Sows (See Swine)	
Broom corn	
acreage, production, value.....	62, 63, 86
distribution chart.....	85
historical table.....	117
rank of counties in.....	91
summary U. S. crop.....	62
Building operations and permits.....	338
Butter and cheese (See Dairying, manufacturing)	

C

Cabbage	
acreage, production, value.....	62, 63, 88
carload shipments of.....	92
historical table.....	121
summary of U. S. crop.....	62
Cantaloupes	
acreage distribution chart.....	89
acreage, production, value.....	62, 63, 90
carload shipments of.....	92
historical table.....	119
rank of counties in.....	91
summary of U. S. crop.....	62
Capitol buildings.....	342
Carload shipments of crops.....	92
Carrots	
carload shipments of.....	92
Cattle (See Livestock, Cows, Dairy- ing)	
assessed value.....	143-154, 164
average value by years.....	163
distribution chart.....	146
in national forests.....	37
no., value, receipts.....	135-140
rank of counties in.....	15
Cauliflower	
acreage, production, value.....	62, 63, 88
carload shipments of.....	92
historical table.....	122
summary of U. S. crop.....	62
Celery	
acreage, production, value.....	62, 63, 88
carload shipments of.....	92
historical table.....	120
summary of U. S. crop.....	62
Chain stores, business of.....	320
Cheese (See Dairying)	
Cherries (See Horticulture)	
production, value.....	63, 178
Charts	
alfalfa acreage.....	85
barley acreage.....	77
bean acreage.....	82
beet acreage.....	80
broom corn acreage.....	85
cantaloupe acreage.....	89
cattle and cows distribution.....	146
corn acreage.....	74
cost of living.....	303
distribution of crop values.....	66
distribution of fruit values.....	89
distribution of highway costs.....	250
distribution of cultivated area.....	66
highway districts.....	249
hours of daylight.....	52, 54
lettuce acreage.....	87
manufacturing progress.....	185-186
mean altitude of Colorado.....	324
mineral production.....	186, 209
oats acreage.....	74
pea acreage.....	87
potato acreage.....	77
rainfall in Denver.....	52
rainfall in towns and cities.....	55
relative humidity of cities.....	53
rye acreage.....	80
sheep and swine distribution.....	157
sorghum acreage.....	82
temperature in Denver.....	52
value metals mined.....	186, 209
wheat acreage.....	68
Chickens (See Poultry)	

Chinese population.....	16
Church population and statistics.....	336-337
Cigar manufacturing.....	268
Cities (See Towns and Cities)	
Clay deposits.....	231
Cliff Dwellers (See Archaeological, Na- tional Parks)	
Climatological data	
characteristics.....	50
Denver weather conditions.....	51
general description.....	9, 50
hours of daylight.....	52, 54
humidity.....	50
length of growing seasons.....	53, 58
precipitation.....	52, 57
rainfall chart.....	55
relative humidity of cities.....	53
snowfall.....	51
temperatures.....	50, 56
velocity of winds.....	52
Clover acreage.....	84
Coal (See Mines and Minerals)	
coal lands.....	12A, 221
coal mine accidents.....	222
federal reserves.....	270
general description.....	220-223
production by years.....	222
production by counties.....	223
rank of counties in mining.....	15
state coal lands.....	33
Coke production.....	222
Colleges (See Education)	
Colorado (See History, Political, Cli- matological data, state lands, Insti- tutions)	
assessed valuation all property.....	205
boards, bureaus and commissions.....	345
brief land history.....	10
capitol buildings.....	342
center of.....	279
chart, altitude.....	324
constitutional convention.....	338
cost of living in.....	301-305
drainage and water supply.....	6
early history.....	5
earthquakes in.....	335
educational system.....	239, 241
elected officials, executive and legis- lative.....	276-281
exports from.....	339
game reserves.....	43
general description.....	4
land classification by acreage.....	6, 12A
land grants.....	32, 344
latitude and longitude.....	323
legal holidays in.....	341
libraries in.....	312-313
museums in.....	330
national guard.....	269
per capita governmental costs.....	194
persons in governmental service.....	275
poet laureate.....	287
population (See Population).....	5, 15-17
rank among states.....	13
relation to agriculture in U. S.....	62
revenues and disbursements.....	190, 192, 193
school lands.....	12A, 31-34
standard time in.....	342
state bird.....	279
state flag.....	292
state flower.....	287
state institutions.....	242-247
state seal and motto.....	292
state song.....	287
total wealth.....	332
troops in world war.....	340
value state property.....	246
Colorado national monument (See Na- tional Parks and Monuments)	
Colorado Springs, expenditures.....	194
Colorado Springs, retail.....	321
Colorado year book, Foreword.....	3
Commercial organizations.....	294
Commissioners, county.....	286
Committees, national and state.....	339
Condensed Milk (See Dairying, Manu- facturing)	

Congressmen (See Officials elected)	
Constitutional Convention, state.....	338
Cooperative marketing associations.....	325
Consuls, foreign, in Colorado.....	266
Copper (See Mines and Minerals)	
production to end of 1930.....	212
production by years.....	214
production by counties.....	216, 218, 219
Corn	
acreage, production, value.....	62, 63, 64
av. no. acres each farm in.....	103
average yield 5 years.....	106
distribution chart.....	74
irr. and non-irr. acreage, yield and	
production.....	73, 106
historical tables.....	108
number of farms reporting.....	101
per cent of farms reporting.....	102
per cent irr. and non-irr.....	105
per cent of cultivated area in.....	104
rank of counties in.....	91
summary of U. S. crop.....	62
Cost of living.....	301-305
Counties	
acres irr. land assessed.....	12A, 124
acres farm land assessed.....	124
area of.....	12A, 19
assessed valuation per capita.....	19
assessed valuation farm lands.....	126
average yield of crops in.....	106
bank deposits, per capita.....	19
banks in.....	290
bonded indebtedness of.....	21
commercial organizations in.....	294
comparative assessed valuation of.....	199
county commissioners.....	286
county seats, railroad distances,	
population.....	20
disbursements for highways.....	254
distribution of agricultural land.....	124
drainage enterprises in.....	46
early history of.....	11, 12
elected officials.....	284-286
election returns by.....	287-288
farm property values.....	96, 97, 126
farms, number, size and tenure.....	93, 94
gasoline taxes.....	258-260
highway mileage and classification.....	251
highway revenues.....	252
irr. areas, irr. enterprises, invest-	
ments in.....	12A, 46, 47
land classification, area, homesteads	
in, etc.....	12A, 14, 93, 94, 95, 99, 100
manufacturing in.....	187
mill levies, by years.....	204A
mineral output.....	207-232
number of farms in.....	93, 94, 95, 100
population, composition, and char-	
acteristics of.....	16-18
prisoners in jails of.....	311
radios, number of.....	327
railroad and telegraph mileage in.....	198
rank in area, pop., assessed valuation,	
tion, bank deposits, agriculture,	
livestock, manufacturing, automo-	
biles, highways, railroads, etc.....	15
rank in crops.....	91
representation in senate and house	
.....	282, 283
revenues and levies.....	194A
school revenues.....	195
tax distribution.....	194A
valuations, levies, etc.....	204
value of crops.....	64
County officials.....	284-286
County seats, pop., and distance from	
Denver.....	20
Courts, federal.....	265
state (See Elected Officials)	
Cows (See Livestock, Cattle)	
assessed value.....	143, 144, 145
average value by years.....	163
distribution chart.....	146
number, by years.....	138
number milked.....	170
rank of counties in.....	15
Creameries (See Dairying)	

Crime conditions.....	310
lynching record.....	342
Crops (See Individual crops, Agriculture)	
average acreage per farm in.....	103
average yields per acre.....	106
carload shipments of.....	92
comparative state acreage, produc-	
tion, value.....	61, 63
distribution chart.....	66
garden crops.....	90
acreage, production, value.....	61, 63, 64
historical tables of.....	107-122
land in crops.....	95
miscellaneous.....	86, 88, 90
number of farms reporting.....	101
per cent grown with and without	
irrigation.....	105
summary U. S.....	62
Crude oil (See Oil and Natural Gas)	
Cucumbers	
acreage, production, value.....	62, 63, 86
historical table.....	119
summary of U. S. crop.....	62
Currants (See Horticulture)	
production and value.....	178

D

Dairying (See Cows, Cattle)	
butter production.....	137, 168
dairy cattle.....	143, 144, 145
history and growth of.....	167-170
Daylight, hours of, Denver, Pueblo	
Colorado Springs.....	54
Death rates (See Mortality statistics)	
Debt, public (See Bonded Indebtedness)	
Denver mint.....	265
Denver weather conditions.....	51
Denver	
cost of living in.....	504
mountain parks.....	243
municipal expenditures.....	184
retail business in.....	320
Distances	
between towns in state.....	23
between Denver and county seats.....	20
of cities of the world from Denver.....	323
Districts, political.....	278, 282, 283
District attorneys and district judges	
(See officials elected)	
Divorce (See Marital conditions)	
Drainage enterprises.....	46
Drainage and water supply of state.....	6
Dry farming land	
acreage assessed.....	12A, 129, 200A
area in counties.....	12A, 124
average value by years.....	133, 200A
per cent of agricultural land.....	124
Ducks (See Poultry)	

E

Earthquakes.....	335
Education (See Institutions)	
average salary of teachers.....	241
colleges and universities.....	236
Colorado's educational system.....	233-241
cost per capita by years.....	240
county supt. of school.....	285
permanent school fund.....	33
libraries in state.....	312-313
private schools.....	236
receipts, expenditures, public schools.....	239
school revenues by counties.....	194A, 239
school enrollment by years.....	234, 238
school bonds outstanding.....	21
school tax distribution.....	194A, 202
school population, teachers.....	234, 238
value school property.....	227
Eggs (See Poultry)	
Election returns (See Political)	
Electric power.....	339
Examining boards, state.....	346
Executions in Colorado.....	342
Exports, Colorado.....	339
Extension service, agricultural.....	60

F

Farms	
acreage cultivated, tenure.....	61
acres assessed.....	123
assessed value of land.....	128-134
average no. acres in crops.....	103
distribution agricultural land.....	124
per cent reporting principal crops.....	102
per cent in principal crops.....	104
number reporting principal crops.....	101
number, size and tenure of.....	61, 94, 95, 98, 99, 100
area and value.....	61
Farm gardens.....	90
Farm property	
assessed value.....	126, 132
value by years (census).....	96, 97
Farm tenure.....	93
Federal Aid projects (See Highways, United States government)	
Federal courts in Colorado.....	265
Federal departments in Colorado (See United States government)	
Federal land and joint stock banks.....	262
Federal lands and reserves.....	12A, 269-272
open to homestead entry.....	12A, 30-31
water power sites.....	59, 269
Federal land districts.....	31
Federal reclamation projects.....	48
Fish and Game (See Game)	
Fitzsimons (army) hospital.....	267, 336
Flag, state.....	292
Floriculture.....	177, 180
Flour mills (See Manufacturing)	
Flower, state.....	287
Food, products, cost of.....	301-305
Foreign governments, representatives of.....	266
Forests (See National forests)	
Forest fires.....	38
Fort Collins (See folder in pocket)	
retail business in.....	321
Fort Logan.....	267
Foxes.....	160
Frosts, first and last.....	53, 58
Fruits and fruit trees (See Horticul- ture)	
Fuel oil.....	229

G

Game, wild	
fish hatcheries.....	42
fishing licenses.....	44
state game refuges.....	43
in national forests.....	38
Gardens, farm	
acreage, production, value.....	90
Gasoline tax.....	253-260
source of supply.....	260
Geese (See Poultry)	
Geographical center of state.....	279
Geography of state.....	4
Glaciers.....	51
Goats (See Livestock)	
Gold (See Mines and Minerals)	
coined at Denver mint.....	265
production in 1929.....	212, 218
production to end of 1930.....	212
production by counties.....	216
production by years.....	214, 219
Government land (See Homestead land, federal land and reserves)	
Governors (See Officials elected)	
of state.....	276
vote for.....	287, 288
Grand Junction (See Towns and Cities)	
retail business in.....	322
Grand Valley reclamation project.....	49
Grapes (See Horticulture)	
number of vines.....	179
production, value.....	63, 178
Grazing land	
acres assessed.....	12A, 131
area in counties.....	12A, 124, 131
average value by years.....	134
in national forests.....	37
state grazing land.....	33

Greeley (See Towns and Cities)	
retail business in.....	321
Greenhouses (See Floriculture)	
Growing seasons (See Climatological data)	

H

Hail insurance.....	306
Hay and hay land	
acreage, production, value.....	12A, 62, 63, 64, 84
acreage assessed.....	12A, 130
average value by years.....	134, 200A
historical table.....	115-116
rank of counties in.....	91
summary of U. S. crop.....	62
Health (See Climatological data, Mor- tality statistics)	
Hens (See Poultry)	
Highways	
chart of highway districts.....	249
construction and maint. costs.....	250
county disbursements for.....	254
county revenues for.....	252
gen. description, management.....	247-255
in national forests.....	39
mileage and classification.....	251
over mountain passes.....	27
rank of counties in mileage.....	15
High and low points.....	9, 324
History	
archaeological.....	334
agriculture.....	61
land history.....	10, 344
of counties.....	12
of mining.....	207
of state, general.....	5
Hogs (See Swine)	
Holidays, legal.....	341
Holy Cross national monument (See national parks and monuments)	
Homestead land	
area and location.....	12A
general description.....	30-31
in national forests.....	37
per cent of total.....	14
Homicides (See Mortality statistics)	
Honey (See Bees and Honey)	
Horses (See Livestock)	
assessed value.....	141, 162, 164
average value by years.....	138, 140, 162
no., value, receipts.....	135, 140, 141
Horticulture (See crops by name)	
acreage assessed.....	130
area fruit land by counties.....	12A
carloads shipments, fruit.....	92
comparative assessments.....	200A
distribution chart.....	89
general description.....	176-180
number of trees.....	179
rank of counties in.....	91
small fruits.....	178
value of crops by years.....	62, 63, 178
Hospitals in state.....	335
Fitzsimons hospital.....	267
Insane.....	243
U. S. Veterans.....	268
Hovenweep national monument (See national parks and monuments)	
Humidity (See Climatological data)	
Hunting and fishing licenses.....	44

I

Illiteracy of population.....	17
Immigration, board of.....	3
Indians	
agencies and population.....	16, 266
land treaties with.....	11
Industrial accidents (See Mortality statistics).....	329
Industrial alcohol.....	268
Industrial Schools (See Institutions)	
Inheritance taxes.....	205
Insane hospital (See State Institu- tions)	

Institutions, state, disbursements, inventory, population, etc.	242-247
educational	233-241
Insurance statistics	305-306
hall	306
workmen's compensation	330
Internal revenue (U. S.) from Colorado	263, 264
Irrigation development	44-49
drainage enterprises	46
runoff of streams	48
Irrigated lands	
acres assessed, 1914-1930	128
area, enterprises, investment	44-49
area by counties	12A, 124
average value by years	133
comparative assessments	128, 200A
federal projects	48
general description	44-49
per cent of agri. land	124
taxes, irrigated districts	191
Irrigated and non-irr. crops, average yield, 5 years	106
barley	76
beans	32
corn	73
oats	75
per cent of crops grown with and without irrigation	105
potatoes	78
wheat	67, 69, 70, 72
Iron (See Mines and Minerals)	

J

Jails, prisoners in	311
Japanese population by counties	16
Judges, vote (See Officials elected)	
county	285
district	278

L

Lakes and reservoirs	
highest in state	9
location and altitude	25
Land (See Agricultural land and all classes by name)	
acreage assessed by years	200A
area of counties	12A
assessed value	132, 200
av. value hay and grazing	134
av. value irrigated and dry farming	133, 200A
classification of	6, 12A, 14
Colorado land history	10
comparative assessments	202
farm land assessed	123, 124, 128, 134
federal land	12A, 269
fruit land assessed	12A, 130, 200A
grazing land assessed	131
hay land assessed	130
homestead land	12A, 30-31
in farms	95, 96
in national forests	12A
irrigated (See Irrigation development)	
patented, area by counties	12A
patented, percentage	14
state land unappropriated	12A
land grants	32-34, 344
Land districts, federal	31
Latitude and longitude	323
Lead (See Mines and Minerals)	
production to end of 1930	212
production by years	214, 219
production by counties	216, 218
Legal executions	342
Legislative representation	282, 283
Lettuce	
acreage, production, value	62, 63, 88
acreage distribution chart	87
carload shipments of	92
historical table	122
rank of counties in	91
summary of U. S. crops	62
Libraries, location, volumes	312-313
Living, cost of	301-305

Livestock (See animals by name)	
assessed value	140-166
average value	138-161
dairy industry	167-170
history and progress of	135-166
in national forests	37
number on farms and value	96, 137, 138-166
Loganberries (See Horticulture)	178
Lumber industry (See Timber)	340
Lynchings	342

M

Manufacturing	
assessments on capital	200
by industries	183, 184
beverages	188
chart showing progress of	186
cigar industry	268
compared with mining, agriculture	186
dairy output	167-170
data on industries by years	183
industrial alcohol	268
industry by counties	187
in towns and cities	188
history and growth of	181-189
lumber industry	340
oleomargarine	188
printing and publishing	182
rank of counties in	15
rubber products	189
sugar industry	114
Maps (See Charts)	
of state	folder in pocket
Marital conditions	17, 332
Marketing associations	325
Melons	
acreage, production, value	63, 90
carload shipments of	92
rank of counties in	91
Membership in organizations	340
Mesa Verde national park (See national parks and monuments)	
Metal production (See Mines and Minerals)	
Mexican population by counties	16
Mexican land grants	344
Milk (See Dairying)	
Mileage	
railroads	10
rank of counties in	15
state highway	251
Military	
national guard	269
U. S. army post	267
Millet, acreage, prod., value	63
Mines and Minerals (See principal minerals by name)	
acreage mineral land assessed	12A
assessed value improvements	200
average price metals	208
coal	220
coke production	232
comparison chart	186, 209
cost, timbering mines	339
deepest mine in state	9
metals found in state	220
metal production, by counties	216
minerals found in state	220, 232
mineral resources, history, production and progress	207-232
mining upon public domain	270
oil and gas	223-230
oil shale	230
radium	213, 220, 333
rank among states	13, 207
rank of counties in	15
stone and non-metals	231
value of production by years	209, 210, 214, 218, 219
Mineral waters	41
Mint at Denver	265
Moffat Tunnel	316
Monuments, national (See national parks and monuments)	

senatorial and representative districts	282, 283
state, increase of	5
state institutions	244
Postoffices in Colorado, stamp sales of, no. offices, etc.	297-301
Potash, federal permits	271
Potatoes	
acreage distribution chart	77
acreage, production, value ..62, 63, 64, 78	
av. no. acres each farm in	103
av. yield, 5 years	106
carload shipments of	92
historical table	112
irr. and non-irr. acreage, yield and production	78, 106
number of farms reporting	101
per cent of cultivated area in	104
per cent of irr. and non-irr.	105
per cent of farms reporting	102
rank of counties in	91
summary of U. S. crops	62
Poultry	
assessed value	173
general information	171, 173
Power, water (See Water power)	
electric	339
Precipitation (See Climatological data)	
Predatory animal control	43
President, vote for	287, 288
Primitive areas reserved	37
Printing and publishing (See Manufacturing)	
status and progress	182
Prisoners in county jails	311
Prisoners and crime conditions	310
Prohibition (See Mortality statistics)	
in Colorado	273-274
federal operations	272
Public lands (See United States government)	
Public libraries	312-313
Pueblo (See towns and cities)	
municipal expenditures	194
retail business in	321
Pumpkins, acreage	90
Public schools (See Education)	
Public utilities (See Railroads, Telephone and Telegraph companies, Power)	
detailed statement of assessment ..	201
of towns and cities	folder in pocket
operating water power plants	59
operations in Colorado	314-316

R

Radio development and statistics ..	326-327
Radium development	333
Railroads	
assessed value, by years	201
distances between towns	22
mileage by roads	10
mileage and value by counties	198
Moffat tunnel	316
operations in Colorado	314
rank of counties in mileage	15
right-of-way acreage	12A
Rainfall (See Climatological data)	
Rank	
of counties in area, pop., agriculture, bank deposits, mining, manufacturing, livestock, automobiles, highways, railroads, etc.	15
of counties in crops	91
of manufacturing industries	182, 185
of state, general	13
of state, mining	207
Raspberries (See Horticulture)	
production, value	178
Reclamation projects	48
Recreation (See Tourist attractions)	
Representatives (See Officials elected)	
Reservoirs, location and altitude ..	25
Retail distribution	318-320
Revenue (See Taxation)	
Rivers of Colorado	4, 6
Rocky Mountain National Park (See National parks and monuments)	

Roads (See Highways)	
Rodent control	43
Royal Gorge bridge	334
Rubber products manufactures	189
Ruins, archaeological (See National parks)	
discoveries in state	334
Runoff of streams	48
Rye	
acreage, production, value ..62, 63, 64, 79	
av. no. acres, each farm in	103
distribution chart	80
historical table	111
number of farms reporting	101
per cent of cultivated area in	104
per cent of farms reporting	102
rank of counties in	91
summary of U. S. crop	62

S

Sanitariums (See Hospitals)	
Scenic attractions	8, 39
Schools (See Education)	
School lands (See State lands)	
Seal, state	292
Senatorial and representative districts	282, 283
Senators (See Officials elected)	
Shale (See Oil Shale)	
Sheep	
assessed value	154, 155, 156, 164
average value, by years	166
distribution chart	157
in national forests	37
number, value, receipts	135, 136, 137, 139, 140
rank of counties in	15
Sheriffs (See Officials elected)	
Silver (See Mines and Minerals)	
coined at Denver mint	265
production by years	214, 218, 219
production by counties	216
production to end of 1930	212
Size of farms (See Farms)	
Snowfall	51
Song, state	287
Sorghums	
acreage, production, value ..62, 63, 64, 81	
acreage distribution chart	82
av. no. acres each farm in	103
historical table	122
number farms reporting	101
per cent farms reporting	102
per cent of cultivated area in	104
rank of counties in	91
summary of U. S. crop	62
Spinach	
carload shipments of	92
Stamp sales (See Postoffices)	
Standard time in Colorado	342
Squash, acreage	90
State (See Colorado)	
State lands	
areas unappropriated	12A
coal	34
general description	31-34
per cent in counties	14
permanent school funds	33
State officials, elected	276-345
State, penal, eleemosynary and educational institutions (See Institutions)	
state bird	279
state flag	292
state flower, song and poet laureate ..	287
state seal and motto	292
Stockraising (See Livestock)	
Stone deposits in state	231
Strawberries (See Horticulture)	
production and value	178
Sugar beets (See Beets)	
Sugar industry (See Manufacturing)	
relation Colorado to U. S.	114
value output by years	183
Suicides in state	309
Supreme court	276, 279
Swine (See Livestock)	
assessed value	158, 164
average value, by years	166

- distribution chart.....157
 number, value, receipts....135, 139, 140
 rank of counties in.....15
- T**
- Taxation (See Assessed valuation)
 counties, mill levies, by years....204A
 counties, per capita.....19
 counties, 1922.....191
 counties, assessed valuation by
 years.....195, 199
 disbursements of state.....190, 193
 distribution general taxes, 1930....194A
 distribution general taxes by years
 202, 203
 expenditures, Denver, Pueblo,
 Colorado Springs.....194
 gasoline taxes.....258, 259
 incorporated places (towns).....
 folder in pocket
 inheritance taxes.....205
 motor vehicles.....256, 257
 number and classes internal rev. tax-
 payers.....264
 per capita val. and assessments.....19
 sources, amt, state revenue, 1923
 to 1928.....192
 summaries and tables.....189-207
 summary all government revenue....191
 taxable and non-taxable property....205
 U. S. internal revenue by years.....263-264
 valuation, taxes, mill levies....196, 204A
- Teachers (See Education)
 Telegraph companies (See Telephone)
 Telephone and telegraph companies
 general.....9, 316
 mileage and valuation.....198, 201
 number of telephones.....340
- Temperature (See Climatological data)
- Tenure, farm.....93, 94, 98, 99
- Theaters, motion picture.....331
- Timber (See Lumber industry)
 acreage, land assessed.....12A
 in national forests.....35
 retail business, lumber.....320
 used in mines.....339
- Time, standard in Colorado.....342
- Timothy, acreage.....84
- Tomatoes
 acreage, value, production.....63, 88
 carload shipments of.....92
 historical table.....120
- Tourists, attractions, no. of.....8, 39
 fish and game.....38, 42
 recreations in national forests.....36
- Towns and cities (See Postoffices,
 county seats)
 area.....12A
 bank clearings of.....289
 bonded indebtedness of.....338
 building permits.....301-305
 cost of living in.....20, 22
 distances between.....56
 normal temperature of.....22
 railroad distances between.....320
 summary, retail business of.....22
 taxes, permits, etc. (See Taxation)
 town lots, assessed value.....200
 gazeteer, valuations, locations, popu-
 lation, officers, etc....folder in pocket
 of highest and lowest altitudes.....9
 manufacturing in.....188
 rainfall in.....57
 tax distribution.....194A
- Transportation (See Railroads)
 Traveling libraries.....312
- Trinidad, retail business in.....322
- Tunnels in Colorado.....316-318
- Turkeys (See Poultry)
- U**
- Uncompahgre reclamation project....48
- United States government (See National
 parks and monuments,
 homestead lands, national forests)
 area of land and reserves in state.
 12A, 269-272
- customs receipts.....191
 departments of in Colorado.....260
 employes and officials.....275
 expenditures and receipts in Colo-
 rado.....263
 federal aid road projects.....248
 federal courts in Colorado.....265
 federal land grants.....32-34
 Fitzsimons general army hospital.....267
 Fort Logan.....267
 internal revenue from Colorado.....
 191, 263, 264
 land districts.....31
 mint.....265
 narcotic law operations.....267
 oil royalties.....271
 pensions paid.....261
 postoffice operations and stamp sales
 297-301
 prohibition operations.....272
 property in Colorado.....260, 297
 reclamation projects.....48
 veterans hospital.....268, 336
 Universities (See Educational)
- V**
- Veterans compensation.....261
 Veterans hospital.....268
- Visitors (See National parks and monu-
 ments, National forests, Tourist
 attractions)
- Votes for elected officials (See Politi-
 cal)
 on prohibition.....273-274
- W**
- Wages and wage earners (See Manu-
 facturing, Mineral Resources, coal)
- Watermelons.....90, 92, 117
- Waters, mineral.....41
- Water, state's supply of.....6
 for irrigation (See Irrigation de-
 velopment)
- Water power
 runoff of streams.....48
 snowfall.....51
 federal sites and reserves.....59, 269
 general information.....59
- Water supply and drainage of state..6
- Wealth of state.....332
- Weather (See Climatological data)
- Winds, velocity of.....52
- Wheeler national monument (See Na-
 tional parks and monuments)
- Wheat
 acreage, production, value.....
 62, 63, 64, 67, 69, 70
 av. no. acres each farm in.....103
 av. yield, 5 years.....106
 chart of prod. and value.....68
 distribution of acreage.....70, 72
 historical tables.....107
 irr. and non-irr. acreage, yield and
 production.....67, 69, 70, 106
 number of farms reporting.....101
 per cent of farms reporting.....102
 per cent of cultivated area in.....104
 rank of counties in.....91
 summary of U. S. crop.....62
- Wholesale business of state.....323
- Wool
 production and values.....135
- Workmen's compensation.....329-330
- World war
 Colorado troops in.....340
- Y**
- Yield (See Individual crops by name)
 five-year crop averages.....106
- Yucca house national monument (See
 National parks and monuments)
- Z**
- Zinc (See Mines and Minerals)
 production to end of 1930.....213
 production by years.....214, 219
 production by counties.....216, 218
 Zoological exhibits.....330

RECEIVED

FEB 9. 1891

COLORADO STATE LIBRARY
State Publications Library

GAZETTEER OF CITIES AND TOWNS OF COLORADO, 1931

No report previous figures used

